# **Product Datasheet**

## Carbonic Anhydrase VB/CA5B Antibody (008) [Alexa Fluor® 750] NBP2-90090AF750

Unit Size: 0.1 ml

Store at 4C in the dark.

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#### NBP2-90090AF750

Carbonic Anhydrase VB/CA5B Antibody (008) [Alexa Fluor® 750]

Unit Size   0.1 ml     Concentration   Please see the vial label for concentration. If unlisted please contact technical services.     Storage   Store at 4C in the dark.     Clonality   Monoclonal     Clone   008     Preservative   0.05% Sodium Azide     Storype   IgG     Conjugate   Alexa Fluor 750     Purity   Protein A purified     Buffer   SOMM Sodium Borate     Product Description   Product Description     Host   Rabbit     Gene ID   11238     Gene Symbol   CASB     Species   Human     Specificity/Sensitivity   Has cross-reactivity in ELISA with:     Human CA3   Human CA4     Human CA4   No cross-reactivity in ELISA with:     Human CA5   No cross-reactivity in ELISA with:     Human CA6   Human CA4     Human CA6   No cross-reactivity in research conducted upt product and provide upt product and product upt product and provide upt product is expressity condinno	5	
Concentration   Please see the vial label for concentration. If unlisted please contact technical services.     Storage   Store at 4C in the dark.     Clonality   Monoclonal     Clone   008     Preservative   0.05% Sodium Azide     Isotype   IgG     Conjugate   Alexa Fluor 750     Purity   Protein A purified     Buffer   S0mM Sodium Borate     Product Description   Rabbit     Gene DD   11238     Gene Symbol   CASB     Species   Human     Specificity/Sensitivity   Has cross-reactivity in ELISA with:     Human CA3   Human CA3     Human CA4   Human CA4     Immunogen   This antibody was obtained from a rabbit immunized with purified, recombinant Human CA4     Immunogen   This antibody was obtained from a rabbit wither downport is an academic or for profit entity). The sale of this product conveys to the buyer the non-transferable right to use the purcheter the buyer is an academic or for profit entity). The sale of this product conveys to the buyer when on-transferable right to use the purcheter the upmetrial made using the product only in research conducted by the buyer (which may durity to generate revenue, which may include, but is not limited to use of the product is expressity conditioned	Product Information	
services.   Storage Store at 4C in the dark.   Clonality Monoclonal   Clone 008   Preservative 0.05% Sodium Azide   Isotype IgG   Conjugate Alexa Fluor 750   Purity Protein A purified   Buffer 50mM Sodium Borate   Product Description Rabbit   Gene ID 11238   Gene Symbol CASB   Species Human   Specificity/Sensitivity Has cross-reactivity in ELISA with:   Human CA3 Human CA3   Human CA4 Human CA4   Immunogen This antibody was obtained from a rabbit immunized with purified, recombinant Human CA5A   No cross-reactivity in ELISA with: Human CA4   Immunogen This antibody was obtained from a rabbit immunized with purified, recombinant Human CA4   Immunogen This antibody was obtained from a rabbit work in the advert conveys to the buyer when on-transferable right to use the purchased product and components of the product only in research conduct is sepressly conditioned on the buyer interable right to use the purchased product servers to the purcha converse to the product on its components, or any materials made using the product on its components, or any materials made using the product or its components, or any	Unit Size	0.1 ml
Clonality   Monoclonal     Clone   008     Preservative   0.05% Sodium Azide     Isotype   IgG     Conjugate   Alexa Fluor 750     Purity   Protein A purified     Buffer   S0mM Sodium Borate     Product Description   Hass     Host   Rabbit     Gene ID   11238     Gene Symbol   CA5B     Species   Human     Specificity/Sensitivity   Has cross-reactivity in ELISA with:     Human CA3   Human CA3     Human CA4   No cross-reactivity in ELISA with:     Human CA5A   No cross-reactivity in ELISA with:     Human CA4   Human CA5A     No cross-reactivity in ELISA with:   Human CA5A     No tross-reactivity in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product and components of the product on is components, in any activity to generate revoue, which may include, but is not limited to use of the product or its components, or any materials made using the product or its components, in any activity to generate revoue, which may include, but is not limited to use of the product or use, or any materials made using the product or its components, or any materials made using the product or its components, in any activity	Concentration	•
Clone 008   Preservative 0.05% Sodium Azide   Isotype IgG   Conjugate Alexa Fluor 750   Purity Protein A purified   Buffer 50mM Sodium Borate   Product Description Host   Host Rabbit   Gene ID 11238   Gene Symbol CA5B   Species Human   Species Human CA2   Human CA2   Human CA3   Human CA4   This antibody was obtained from a rabbit immunized with purified, recombinant   Human CA4   This antibody was obtained from a rabbit immunized with purified, recombinant   Human CA4   Human CA4   Human CA4   Human CA4   Human Ca4   Human Ca4   Internet Cathonic are provided under an intellectual property lices from   Life Technologics or portoit entity). The sale of this product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product or is components. (0) in manufactung; (1) to provide a service, information, or data in return for resale, regardless of whether they are resoid for use in researcibed and buyer, carisbad, CA 92008 USA or outl	Storage	Store at 4C in the dark.
Preservative 0.05% Sodium Azide   Isotype IgG   Conjugate Alexa Fluor 750   Purity Protein A purified   Buffer 50mM Sodium Borate   Product Description Host   Rabbit Gene ID   Gene ID 11238   Gene Symbol CA5B   Species Human   Specificity/Sensitivity Has cross-reactivity in ELISA with:   Human CA3 Human CA3   Human CA4 No cross-reactivity in ELISA with:   Human CA4 Human CA4   Immunogen This antibody was obtained from a rabbit immunized with purified, recombinant   Human CA4 Human CA4   Human CA4 Human CA4   Human CA4 Human CA4   Human CA8 Huuran Ca8   Lucy Life Technologies Corporation. The purchase of this product conveys to the buyer in the product on its components, or any materials made using the product or its components, or any materials made using the product or its components, or any materials made using the product or its components, or any materials made using the product or its components, or any materials made using the product or its components, or any materials made using the product or its components, or any materials made using the product or its components, or any materials made using th	Clonality	Monoclonal
Isotype IgG Conjugate Alexa Fluor 750 Purity Protein A purified Buffer 50mM Sodium Borate Product Description Host Rabbit Gene ID 11238 Gene ID 11238 Gene SAM CASE Construction Gene Symbol CA5B Species Human CA2 Human CA2 Human CA3 Human CA3 Human CA4 Immunogen This antibody was obtained from a rabbit immunized with purified, recombinant Human CA4 Immunogen This antibody was obtained from a rabbit immunized with purified, recombinant Human CA4 Immunogen This antibody was obtained from a rabbit immunized with purified, recombinant Human CA4 Immunogen This antibody was obtained from a rabbit immunized with purified, recombinant Human CA4 Immunogen This antibody was obtained from a rabbit immunized with purified, recombinant Human CA4 Immunogen This antibody was obtained from a rabbit immunized with purified, recombinant Human CA4 Immunogen This antibody was obtained from a rabbit immunized with purified, recombinant Human CA4 Immunogen This antibody was obtained from a rabbit immunized with purified, recombinant Human CA4 Immunogen CA4 Immunogen This antibody was obtained from a rabbit immunized with purified, recombinant Human CA4 Immunogen CA4 Immu	Clone	008
Conjugate Alexa Fluor 750   Purity Protein A purified   Buffer 50mM Sodium Borate   Product Description Image: Conjugate   Host Rabbit   Gene ID 11238   Gene Symbol CA5B   Species Human   Specificity/Sensitivity Has cross-reactivity in ELISA with:   Human CA2 Human CA5A   No cross-reactivity in ELISA with:   Human CA5A   No cross-reactivity in ELISA with:   Human CA6A   Human CA6A   Human CA6A   Human CA6A   Human CA4   Immunogen   This antibody was obtained from a rabbit immunized with purified, recombinant   Human CA6A   Human CA6A   Human Crabonic Anhydrase VB/CA5B (Uniprot#: Q9V2D0; Cys34-Pr0317).   Notes Alexa Fluor (R) products are provided under an intellectual property license from   Life Technologies Corporation. The purchase of this product conceys to the buyer the non-transferable right to use the purchase product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer thu untransferable right to use the purchase product an	Preservative	0.05% Sodium Azide
Purity   Protein A purified     Buffer   50mM Sodium Borate     Product Description   Rabbit     Host   Rabbit     Gene ID   11238     Gene Symbol   CA5B     Species   Human     Specificity/Sensitivity   Has cross-reactivity in ELISA with: Human CA3 Human CA3 Human CA4     Immunogen   This antibody was obtained from a rabbit immunized with purified, recombinant Human CA4     Immunogen   This antibody was obtained from a rabbit immunized with purified, recombinant Human CA4     Immunogen   Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product compoents of the product only in research of this product is ensersity conditioned on the buyer not using the product or its components, or any materials made using the product only in research of this product is ensersity (or for payment; (ii) to provide a service, information, or data in return for payment; (iii) to provide a service, information, or data in return for payment; (iii) to provide a service, information, or data in return for payment; (iii) to therapeutic, diagnostic or pophylactic purpose; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product or use in research. For information on purchasing a license to this product or use of the ascribed above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA	Isotype	IgG
Buffer 50mM Sodium Borate   Product Description Rabbit   Host Rabbit   Gene ID 11238   Gene Symbol CA5B   Species Human   Specificity/Sensitivity Has cross-reactivity in ELISA with:   Human CA2 Human CA3 Human CA3 Human CA4   Immunogen This antibody was obtained from a rabbit immunized with purified, recombinant Human CA4 Human CA4   Inmunogen Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, or any materials made using the product or its components, or any materials made using the product or its components, or any materials made using the product or its components, or any materials made using the product or its components, or any materials made using the product or its components, or any materials made using the product or its components, or any materials made using the product or its components, or any materials made using the product or its components, or any materials made using the product or its components, or any materials made using the product or its components, or any materials made using the product or its components, or any materials made using the product or its components, or any materials made using the product or its components, or any materials made using the product or its	Conjugate	Alexa Fluor 750
Product Description   Host Rabbit   Gene ID 11238   Gene Symbol CA5B   Species Human   Specificity/Sensitivity Has cross-reactivity in ELISA with:   Human CA2 Human CA5A   No cross-reactivity in ELISA with:   Human CA3   Human CA4   Human CA8   Human CA4   Human CA8   Human CA4   Immunogen   This antibody was obtained from a rabbit immunized with purified, recombinant Human CA4   Immunogen   Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchased of this product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product on its components, or any materials made using the product or its components, or any materials made using the product or its components, or any materials made using the product or its components, or any materials made using the product or its components, or any materials made using the product or its components, or any materials made using the product or its components, or any materials made using the product or its components, or any materials made using the product or its components, or any materials made using the clout and concery may vary from the stated volume	Purity	Protein A purified
Host Rabbit   Gene ID 11238   Gene Symbol CA5B   Species Human   Specificity/Sensitivity Has cross-reactivity in ELISA with: Human CA2 Human CA3 Human CA3 Human CA4   Immunogen This antibody was obtained from a rabbit immunized with purified, recombinant Human CA4   Immunogen This antibody was obtained from a rabbit immunized with purified, recombinant Human CA5B (Lip Technologies Corporation, The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product or lips components, in any activity to generate revenue, which may include, but is not limited to use of the product or is components; (i) in manufacturing; (iii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product for purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product for purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product or its components; (ii) n manufacturey; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product or purposes other than as described above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or outicensing@lifetech.com. This conjugate is made on demand. Actual recovery may vary from the stated	Buffer	50mM Sodium Borate
Gene ID 11238   Gene Symbol CA5B   Species Human   Specificity/Sensitivity Has cross-reactivity in ELISA with:   Human CA2 Human CA3   Human CA3 Human CA4   Immunogen This antibody was obtained from a rabbit immunized with purified, recombinant Human CA4   Immunogen This antibody was obtained from a rabbit immunized with purified, recombinant Human CA4   Immunogen Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation. This conjugate is made on on purchasing a license to this product or its components (i) in manufacturing; (ii) to therapeutic, diagnostic our prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product for use in research. For information on purchasing a license to this product or this conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.	Product Description	
Gene Symbol CASB   Species Human   Specificity/Sensitivity Has cross-reactivity in ELISA with:   Human CA2 Human CA3   Human CA3 Human CA4   Immunogen This antbody was obtained from a rabbit immunized with purified, recombinant Human CA4   Immunogen This antbody was obtained from a rabbit immunized with purified, recombinant Human CA4   Immunogen Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product or its components, or any materials made using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or outlicensing@lifetech.com. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.	Host	Rabbit
Species Human   Specificity/Sensitivity Has cross-reactivity in ELISA with:   Human CA2 Human CA3   Human CA3 Human CA5A   No cross-reactivity in ELISA with: Human CA4   Human CA4 Human CA5A   Immunogen This antibody was obtained from a rabbit immunized with purified, recombinant   Human CA8 Human CA4   Human CA8 Human CA4   Human CA8 Human CA4   Human CA4 Human CA4   Human CA4 Human CA4   Human CA5 Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5771 Van Allen Way, Carlsbad, CA 92008 USA or outlicensing@lifetech.com. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal	Gene ID	11238
Specificity/Sensitivity Has cross-reactivity in ELISA with:   Human CA2 Human CA3   Human CA5A No cross-reactivity in ELISA with:   Human CA4 Human CA4   Immunogen This antibody was obtained from a rabbit immunized with purified, recombinant   Human CA4 Human CA5   Notes Alexa Fluor (R) products are provided under an intellectual property license from   Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product on its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) for provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or outlicensing@lifetech.com. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.	Gene Symbol	CA5B
Human CA2   Human CA3   Human CA5A   No cross-reactivity in ELISA with:   Human CA8   Human CA4   Immunogen   This antibody was obtained from a rabbit immunized with purified, recombinant Human Carbonic Anhydrase VB/CA5B (Uniprot#: Q9Y2D0; Cys34-Pro317).   Notes   Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or outlicensing@lifetech.com. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.	Species	Human
Human Carbonic Anhydrase VB/CA5B (Uniprot#: Q9Y2D0; Cys34-Pro317).NotesAlexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or outlicensing@lifetech.com. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.Product Application Details		Human CA3 Human CA5A No cross-reactivity in ELISA with: Human CA8
Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or outlicensing@lifetech.com. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.	Immunogen	
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Applications Immunohistochemistry-Paraffin	Product Application Details	
	Applications	Immunohistochemistry-Paraffin



<b>Recommended Dilutions</b>	Immunohistochemistry-Paraffin
Application Notes	Optimal dilution of this antibody should be experimentally determined.

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DY1857-05	Lipocalin-2/NGAL [Biotin]
3176-CA-010	Carbonic Anhydrase VB/CA5B

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