

Product Datasheet

AlphaB Crystallin/CRYAB Antibody [Alexa Fluor® 647] NB100-2520AF647

Unit Size: 0.1 ml

Store at 4C in the dark.

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NB100-2520AF647

AlphaB Crystallin/CRYAB Antibody [Alexa Fluor® 647]

Product Information	
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	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Conjugate	Alexa Fluor 647
Purity	Immunogen affinity purified
Buffer	50mM Sodium Borate
Product Description	
Host	Rabbit
Gene ID	1410
Gene Symbol	CRYAB
Species	Human, Mouse
Reactivity Notes	Predicted to react with rat, sheep, rabbit, monkey, hamster, cow, and pig based on 100% sequence homology. Immunogen sequence has 92% homology to mouse. Mouse reactivity reported in scientific literature (PMID: 23586607).
Immunogen	A synthetic peptide made to a C-terminal region of the human Crystallin AB protein (within residues 100-175). [Swiss-Prot P02511]
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 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	
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence
Recommended Dilutions	Western Blot, Flow Cytometry, ELISA, Immunocytochemistry/Immunofluorescence



Application Notes

This Crystallin AB antibody is useful for Western blot analysis, where a band is seen at ~20 kDa. There is also a band of greater intensity at ~40 kDa that may be an aggregated heteromeric complex. **CryAB aggregates with homologous proteins, including CryAA and the small heat shock protein HSP28, to form large heteromeric complexes.



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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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