

# Product Datasheet

## Integrin alpha 3B Antibody (54B3) [Alexa Fluor® 532] NBP1-97732AF532

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP1-97732AF532**

Integrin alpha 3B Antibody (54B3) [Alexa Fluor® 532]

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	Monoclonal
Clone	54B3
Preservative	0.05% Sodium Azide
Isotype	IgG1
Conjugate	Alexa Fluor 532
Purity	Protein A or G purified
Buffer	50mM Sodium Borate
Product Description	
Host	Mouse
Gene ID	3675
Gene Symbol	ITGA3
Species	Human
Reactivity Notes	A broad species reactivity is expected because of the conserved nature of the epitope.
Specificity/Sensitivity	This antibody recognizes specifically the cytoplasmic domain of integrin subunit Integrin alpha 3B which is present in microvascular structures in brain and heart.
Immunogen	Derived by fusion of SP2/0 Mouse myeloma cells with spleen cells from a BALB/c Mouse immunized with a synthetic peptide corresponding to a 32 amino acid stretch in the cytoplasmic domain of Integrin alpha 3B including an appending N-terminal cysteine (CTRYQIMPKYHAVRIRREEERYPPPGSTLPTKK) coupled to keyhole limpet hemocyanin.
Notes	<p>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 <a href="mailto:outlicensing@lifetech.com">outlicensing@lifetech.com</a>. 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.</p>



Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Western Blot, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Frozen
Application Notes	Optimal dilution of this antibody should be experimentally determined.





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### **Products Related to NBP1-97732AF532**

NBP1-97005AF532	Mouse IgG1 Isotype Control (MG1) [Alexa Fluor® 532]
210-TA-005	TNF-alpha [Unconjugated]
NB110-89474	CD11b Antibody - BSA Free
AF796	ICAM-1/CD54 Antibody [Unconjugated]

### **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.

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