

Product Datasheet

58K Golgi Protein Antibody (FTCD/357) [Alexa Fluor® 488] NBP3-14274AF488

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP3-14274AF488

58K Golgi Protein Antibody (FTCD/357) [Alexa Fluor® 488]

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	FTCD/357
Preservative	0.05% Sodium Azide
Isotype	IgG1
Conjugate	Alexa Fluor 488
Purity	Protein A or G purified
Buffer	50mM Sodium Borate
Product Description	
Host	Mouse
Gene ID	10841
Gene Symbol	FTCD
Species	Human
Reactivity Notes	Predicted to react in Mouse, Rat, Bovine, Canine, Hamster, Porcine, Monkey and Kangaroo Rat.
Specificity/Sensitivity	The antibody recognizes an epitope located on the microtubule-binding peripheral Golgi membrane 58 kDa protein. It is also useful for studies on the effect of microtubule-perturbing agents on the Golgi apparatus. The protein encoded by this gene is a bifunctional enzyme that channels 1-carbon units from formiminoglutamate, a metabolite of the histidine degradation pathway, to the folate pool. Mutations in this gene are associated with glutamate formiminotransferase deficiency. Alternatively-spliced transcript variants have been found for this gene. Folate-dependent enzyme, that displays both transferase and deaminase activity. Serves to channel one-carbon units from formiminoglutamate to the folate pool. Binds and promotes bundling of vimentin filaments originating from the Golgi.
Immunogen	58K Golgi Protein Protein purified from rat liver. (Uniprot: O95954)

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 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.</p>
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Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/Immunofluorescence
Recommended Dilutions	Western Blot, Flow Cytometry, Immunocytochemistry/Immunofluorescence
Application Notes	Optimal dilution of this antibody should be experimentally determined.



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Products Related to NBP3-14274AF488

DDXCM01A488	Mouse IgG1 Isotype Control [Alexa Fluor® 488]
H00010841-Q01-10ug	Recombinant Human 58K Golgi Protein GST (N-Term) Protein
DRT100	TNF RI/TNFRSF1A [HRP]
NBP2-07596	58K Golgi Protein Overexpression Lysate

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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