

# Product Datasheet

## 58K Golgi Protein Antibody (FTCD/357) [mFluor Violet 500 SE]

**NBP3-14274MFV500**

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP3-14274MFV500**

58K Golgi Protein Antibody (FTCD/357) [mFluor Violet 500 SE]

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	mFluor Violet 500 SE
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	mFluor(TM) is a trademark of AAT Bioquest, Inc. 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, Flow Cytometry, Immunocytochemistry/Immunofluorescence
Recommended Dilutions	Western Blot, Flow Cytometry, Immunocytochemistry/Immunofluorescence
Application Notes	Optimal dilution of this antibody should be experimentally determined.

## Images

58K Golgi Protein Antibody (FTCD/357) [mFluor Violet 500 SE] - Vial of mFluor Violet 500 conjugated antibody. mFluor Violet 500 is optimally excited at 410 nm by the Violet laser (405 nm) and has an emission maximum of 501 nm.





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### **Products Related to NBP3-14274MFV500**

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H00010841-Q01-10ug	Recombinant Human 58K Golgi Protein GST (N-Term) Protein
DRT100	TNF RI/TNFRSF1A [HRP]
NBP2-07596	58K Golgi Protein Overexpression Lysate
H00008878-M01	p62/SQSTM1 Antibody (2C11)

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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.

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