

Product Datasheet

SLC25A13 Antibody (4F4) - Azide and BSA Free H00010165-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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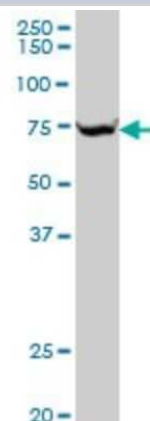
H00010165-M01**SLC25A13 Antibody (4F4) - Azide and BSA Free**

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	4F4
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Novus Biologicals Mouse SLC25A13 Antibody (4F4) - Azide and BSA Free (H00010165-M01) is a monoclonal antibody validated for use in WB, ELISA and ICC/IF. Anti-SLC25A13 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	10165
Gene Symbol	SLC25A13
Species	Human
Specificity/Sensitivity	solute carrier family 25, member 13 (citrin)
Immunogen	SLC25A13 (NP_055066, 2 a.a. ~ 80 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. AAAKVALTKRADPAELRTIFLKYASIEKNGEFFMSPNDFVTRYLNIFGESQPNPK TVELLSGVVDQTKDGLISFQEFVA
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Knockdown Validated
Recommended Dilutions	Western Blot 1:500, ELISA, Immunocytochemistry/ Immunofluorescence, Knockdown Validated
Application Notes	Antibody reactive against cell lysate and recombinant protein for Western Blot. Has also been used for immunofluorescence, RNAi validation and ELISA.

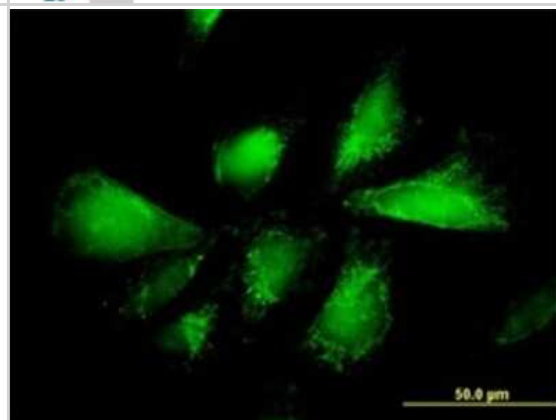


Images

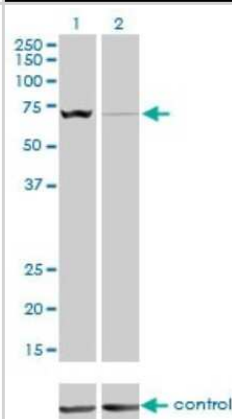
Western Blot: SLC25A13 Antibody (4F4) [H00010165-M01] - SLC25A13 monoclonal antibody (M01), clone 4F4 Analysis of SLC25A13 expression in HepG2.



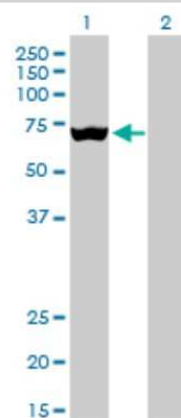
Immunocytochemistry/Immunofluorescence: SLC25A13 Antibody (4F4) [H00010165-M01] - Analysis of monoclonal antibody to SLC25A13 on HepG2 cell. Antibody concentration 10 ug/ml.



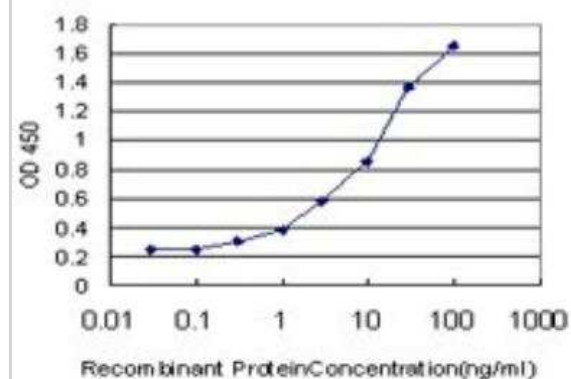
Western Blot: SLC25A13 Antibody (4F4) [H00010165-M01] - Analysis of SLC25A13 over-expressed 293 cell line, cotransfected with SLC25A13 Validated Chimera RNAi (Cat # H00010165-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with SLC25A13 monoclonal antibody (M01), clone 4F4 (Cat # H00010165-M01). GAPDH (36.1 kDa) used as specificity and loading control.



Western Blot: SLC25A13 Antibody (4F4) [H00010165-M01] - Analysis of SLC25A13 expression in transfected 293T cell line by SLC25A13 monoclonal antibody (M01), clone 4F4. Lane 1: SLC25A13 transfected lysate (74.2 KDa). Lane 2: Non-transfected lysate.



ELISA: SLC25A13 Antibody (4F4) [H00010165-M01] - Detection limit for recombinant GST tagged SLC25A13 is approximately 0.3ng/ml as a capture antibody.



Publications

Rabinovich S, Adler L, Yizhak K et al. Diversion of aspartate in ASS1-deficient tumours fosters de novo pyrimidine synthesis. Nature 2015-11-19 [PMID: 26560030] (WB)



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Products Related to H00010165-M01

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
H00010165-P01-10ug	Recombinant Human SLC25A13 GST (N-Term) Protein

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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