

Product Datasheet

TOMM22 Antibody (4G4) - Azide and BSA Free H00056993-M01

Unit Size: 0.1 mg

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

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Publications: 1

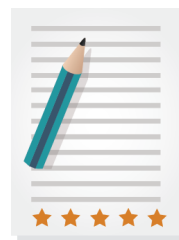
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H00056993-M01

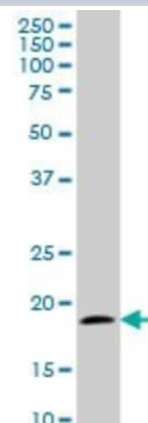
TOMM22 Antibody (4G4) - Azide and BSA Free

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	4G4
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Novus Biologicals Mouse TOMM22 Antibody (4G4) - Azide and BSA Free (H00056993-M01) is a monoclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	56993
Gene Symbol	TOMM22
Species	Human, Mouse, Rat
Reactivity Notes	Human, mouse & rat. Other species have not been tested.
Specificity/Sensitivity	TOMM22 - translocase of outer mitochondrial membrane 22 homolog (yeast)
Immunogen	TOMM22 (AAH09363, 1 a.a. ~ 142 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MAAAVAAAGAGEPQSPDELLPKGDAEKPEEELEEDDDEELDETLSERLWGLT EMFPERVRSAAAGATFDLSLFVAQKMYRFSRAALWIGTTTFMILVLPVVFETEK LQMEQQQLQQRQILLGPNTGLSGGMPPGALPSLPGKI
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Sandwich ELISA, Knockdown Validated
Recommended Dilutions	Western Blot 1:500, ELISA, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin, Sandwich ELISA, Knockdown Validated
Application Notes	Antibody reactive against recominant protein and cell lysate for Western Blot. Has also been used for immunofluoresence, immunohistochemistry (paraffin), RNAi validation and ELISA.

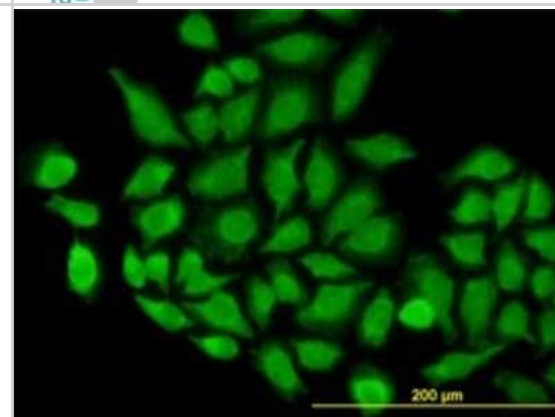


Images

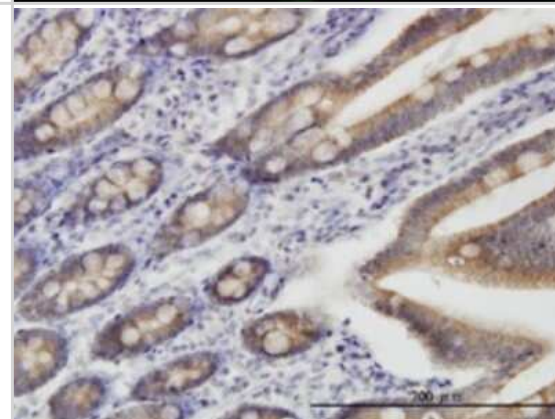
Western Blot: TOMM22 Antibody (4G4) [H00056993-M01] - TOMM22 monoclonal antibody (M01), clone 4G4 Analysis of TOMM22 expression in NIH/3T3.



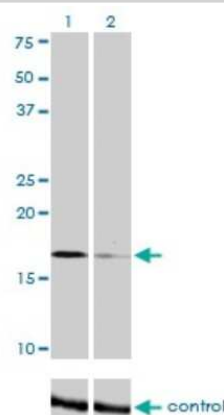
Immunocytochemistry/Immunofluorescence: TOMM22 Antibody (4G4) [H00056993-M01] - Analysis of monoclonal antibody to TOMM22 on HeLa cell. Antibody concentration 10 ug/ml.



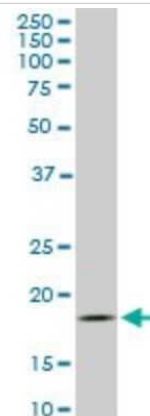
Immunohistochemistry-Paraffin: TOMM22 Antibody (4G4) [H00056993-M01] - Analysis of monoclonal antibody to TOMM22 on formalin-fixed paraffin-embedded human small Intestine. Antibody concentration 3 ug/ml.



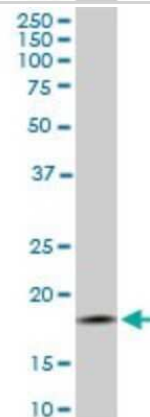
Western Blot: TOMM22 Antibody (4G4) [H00056993-M01] - Analysis of TOMM22 over-expressed 293 cell line, cotransfected with TOMM22 Validated Chimera RNAi (Cat # H00056993-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with TOMM22 monoclonal antibody (M01), clone 4G4 (Cat # H00056993-M01). GAPDH (36.1 kDa) used as specificity and loading control.



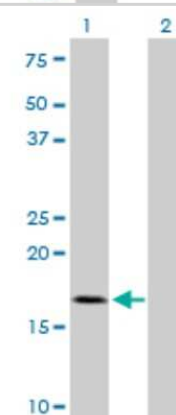
Western Blot: TOMM22 Antibody (4G4) [H00056993-M01] - TOMM22 monoclonal antibody (M01), clone 4G4. Analysis of TOMM22 expression in PC-12.



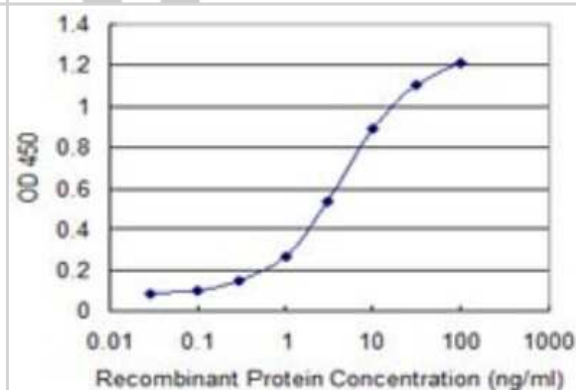
Western Blot: TOMM22 Antibody (4G4) [H00056993-M01] - TOMM22 monoclonal antibody (M01), clone 4G4. Analysis of TOMM22 expression in Raw 264.7.



Western Blot: TOMM22 Antibody (4G4) [H00056993-M01] - Analysis of TOMM22 expression in transfected 293T cell line by TOMM22 monoclonal antibody (M01), clone 4G4. Lane 1: TOMM22 transfected lysate (15.5 kDa). Lane 2: Non-transfected lysate.



Sandwich ELISA: TOMM22 Antibody (4G4) [H00056993-M01] - Detection limit for recombinant GST tagged TOMM22 is 0.1 ng/ml as a capture antibody.



Publications

Halbert D, Domenyuk V, Spetzler D et al. Aptamers and uses thereof United States Patent Application US 9958448 B2 2018-01-01



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Products Related to H00056993-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)
H00056993-P01-10ug	Recombinant Human TOMM22 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.

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

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