

Product Datasheet

TOM1 Antibody (5A3) - Azide and BSA Free H00010043-M01

Unit Size: 0.1 mg

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

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H00010043-M01

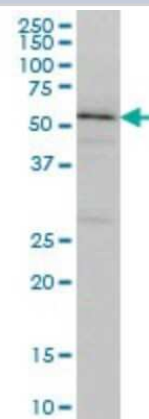
TOM1 Antibody (5A3) - Azide and BSA Free

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	5A3
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Host	Mouse
Gene ID	10043
Gene Symbol	TOM1
Species	Human
Reactivity Notes	Human. Other species not tested.
Specificity/Sensitivity	TOM1 (5A3)
Immunogen	TOM1 (NP_005479, 394 a.a. ~ 491 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. GLAGALDARQQSTGAIPVTQACLMEDIEQWLSTDVGNDAAEPPKGVTSSEFDKF LEERAKAADRLPNLSSPSAEGPPGPPSGPAPRKKKTQEKDDMLFA
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin, Sandwich ELISA
Recommended Dilutions	Western Blot 1:500, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin, Sandwich ELISA
Application Notes	Antibody reactive against cell lysate and recombinant protein for Western Blot. Has also been used for immunohistochemistry (paraffin) and ELISA.

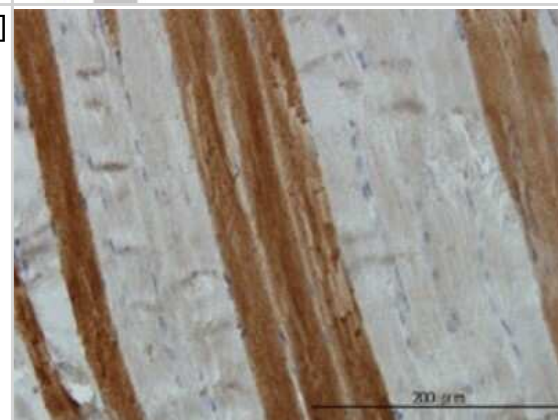


Images

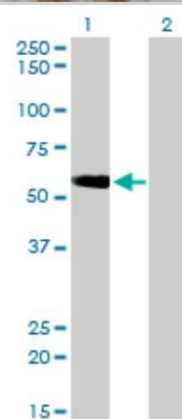
Western Blot: TOM1 Antibody (5A3) [H00010043-M01] - TOM1 monoclonal antibody (M01), clone 5A3 Analysis of TOM1 expression in K-562.



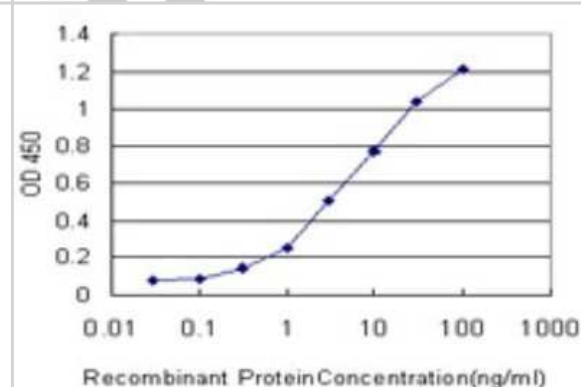
Immunohistochemistry-Paraffin: TOM1 Antibody (5A3) [H00010043-M01] - Analysis of monoclonal antibody to TOM1 on formalin-fixed paraffin-embedded human skeletal muscle. Antibody concentration 3 ug/ml.



Western Blot: TOM1 Antibody (5A3) [H00010043-M01] - Analysis of TOM1 expression in transfected 293T cell line by TOM1 monoclonal antibody (M01), clone 5A3. Lane 1: TOM1 transfected lysate(53.8 KDa). Lane 2: Non-transfected lysate.



Sandwich ELISA: TOM1 Antibody (5A3) [H00010043-M01] - Detection limit for recombinant GST tagged TOM1 is approximately 0.3ng/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 H00010043-M01

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
H00010043-P01-10ug	Recombinant Human TOM1 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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