

Product Datasheet

TIMM8B Antibody (8E5) - Azide and BSA Free H00026521-M15

Unit Size: 0.1 mg

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

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H00026521-M15

TIMM8B Antibody (8E5) - 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	8E5
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4

Product Description

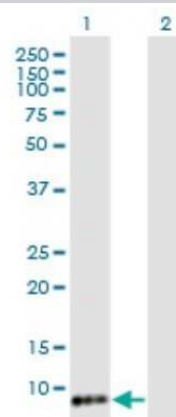
Host	Mouse
Gene ID	26521
Gene Symbol	TIMM8B
Species	Human
Immunogen	TIMM8B (NP_036591.1, 1 a.a. ~ 83 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MAELGEADEAEELQRLVAAEQQKAQFTAQVHHFMELCWDKCVEKPGNRLDSR TENCLSSCVDRFIDTTLAITSRFAQIVQKGGQ
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details

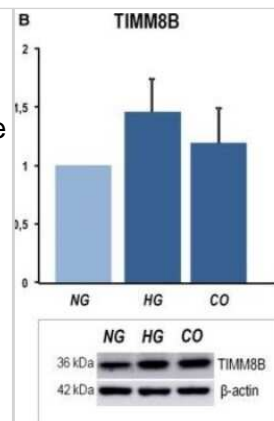
Applications	Western Blot, ELISA
Recommended Dilutions	Western Blot, ELISA
Application Notes	This antibody is useful for ELISA, Western Blot

Images

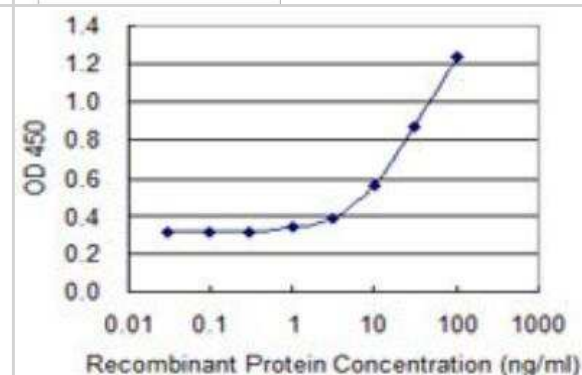
Western Blot: TIMM8B Antibody (8E5) [H00026521-M15] - Analysis of TIMM8B expression in transfected 293T cell line by TIMM8B monoclonal antibody (M15), clone 8E5. Lane 1: TIMM8B transfected lysate (9.3 KDa). Lane 2: Non-transfected lysate.



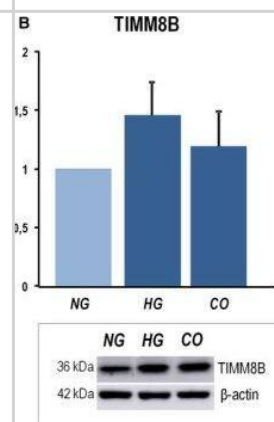
Western Blot: TIMM8B Antibody (8E5) [H00026521-M15] - Western blot analysis of TIMM8B from in vitro experiments using a normal colon mucosa epithelial cell line exposed to high (HG) or NG condition. Relative densitometric quantification and representative immunoblots are shown. CO: (osmotic) control. Error bars indicate SEM. Mann-Whitney statistical U-test used with three biologically independent replicates included (*P-value < 0.05). Image collected and cropped by CiteAb from the following publication (<https://onlinelibrary.wiley.com/doi/abs/10.1002/1878-0261.12531>), licensed under a CC-BY license.



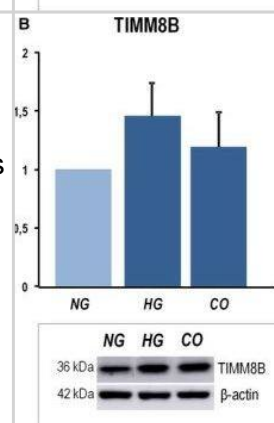
ELISA: TIMM8B Antibody (8E5) [H00026521-M15] - Detection limit for recombinant GST tagged TIMM8B is 0.3 ng/ml as a capture antibody.



Western blot analysis of MRPL18 (A), TIMM8B (B), and EIF1A (C) from in vitro experiments using a normal colon mucosa epithelial cell line exposed to high (HG) or NG condition. Relative densitometric quantification and representative immunoblots are shown. CO: (osmotic) control. Error bars indicate SEM. Mann-Whitney statistical U-test used with three biologically independent replicates included (*P-value < 0.05).



Western Blot: TIMM8B Antibody (8E5) [H00026521-M15] - Western blot analysis of MRPL18 (A), TIMM8B (B), & EIF1A (C) from in vitro experiments using a normal colon mucosa epithelial cell line exposed to high (HG) or NG condition. Relative densitometric quantification & representative immunoblots are shown. CO: (osmotic) control. Error bars indicate SEM. Mann-Whitney statistical U-test used with three biologically independent replicates included (*P-value < 0.05). Image collected & cropped by CiteAb from the following publication (<https://pubmed.ncbi.nlm.nih.gov/31199051>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



Publications

Del Puerto-Nevado L, Santiago-Hernandez A, Solanes-Casado S et al. Diabetes-mediated promotion of colon mucosa carcinogenesis is associated with mitochondrial dysfunction Mol Oncol 2019-06-14 [PMID: 31199051] (WB, Human)



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Products Related to H00026521-M15

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)
H00026521-P01-10ug	Recombinant Human TIMM8B 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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