

Product Datasheet

DSU Antibody (8F9-1B2) - Azide and BSA Free H00055686-M01

Unit Size: 0.1 mg

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

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H00055686-M01

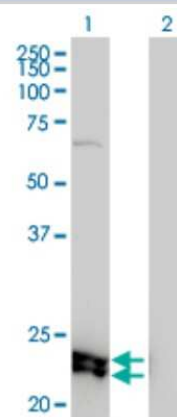
DSU Antibody (8F9-1B2) - Azide and BSA Free

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	8F9-1B2
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Host	Mouse
Gene ID	55686
Gene Symbol	MREG
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 22984402).
Specificity/Sensitivity	DSU - likely ortholog of mouse dilute suppressor
Immunogen	DSU (AAH32747, 1 a.a. ~ 214 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MGLRDWLRTVCCCCGCECLEERALPEKEPLVSDNNPYSSFGATLVRDDEKNL WSPHVDVSHTEADDDRTLYNLIVIRNQAKDSEEWQKLNLDIHTLRQVRREVR NRWKCILEDLGFQKEADSLLSVTKLSTISDSKNTRKAREMLLKLAETNIFPTSW ELSERYLFVVDRLIALDAAEEFFKLARRTYPKKPGVPCLADGQKELHYLPFPSP
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500, ELISA 1:100-1:2000, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunoprecipitation 1:10-1:500, Immunohistochemistry-Frozen 1:10-1:500
Application Notes	Antibody reactive against cell lysate, transfected lysate and recombinant protein for western blot. It has also been used for ELISA. Immunohistochemistry-Frozen and Immunocytochemistry/Immunofluorescence were reported in scientific literature.

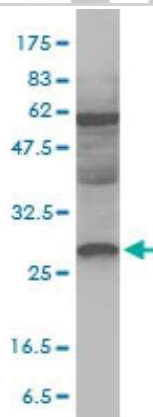


Images

Western Blot: DSU Antibody (8F9-1B2) [H00055686-M01] - Analysis of DSU expression in transfected 293T cell line by DSU monoclonal antibody (M01), clone 8F9-1B2. Lane 1: DSU transfected lysate(25 KDa). Lane 2: Non-transfected lysate.



Western Blot: DSU Antibody (8F9-1B2) [H00055686-M01] - DSU monoclonal antibody (M01), clone 8F9-1B2 Western Blot analysis of DSU expression in MCF-7 (Cat # L046V1).



Immunoprecipitation: DSU Antibody (8F9-1B2) [H00055686-M01] - Analysis of MREG transfected lysate using anti-MREG monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with MREG MaxPab rabbit polyclonal antibody.



ELISA: DSU Antibody (8F9-1B2) [H00055686-M01] - Detection limit for recombinant GST tagged DSU is approximately 0.03ng/ml as a capture antibody.



Publications

Frost LS, Lopes VS, Stefano FP et al. Loss of melanoregulin (MREG) enhances cathepsin-D secretion by the retinal pigment epithelium. *Vis Neurosci* 2013-04-23 [PMID: 23611523]

Rachel RA, Nagashima K, O'Sullivan TN et al. Melanoregulin, Product of the dsu Locus, Links the BLOC-Pathway and Oa1 in Organelle Biogenesis PLoS One 2012-01-01 [PMID: 22984402] (IHC-Fr, ICC/IF, Mouse)





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Products Related to H00055686-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)
NBP2-51596-0.05mg	Recombinant Human DSU His 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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