

DSU Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a full length recombinant DSU.****Catalog # AT1823a****Specification**

DSU Antibody (monoclonal) (M01) - Product Information

Application	WB, IP, E
Primary Accession	Q8N565
Other Accession	BC032747
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG1 kappa
Calculated MW	24927

DSU Antibody (monoclonal) (M01) - Additional Information**Gene ID** 55686**Other Names**

Melanoregulin, Dilute suppressor protein homolog, MREG, DSU

Target/Specificity

DSU (AAH32747, 1 a.a. ~ 214 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

IP~~N/A

E~~N/A

Format

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions

DSU Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

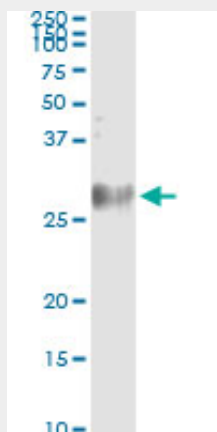
DSU Antibody (monoclonal) (M01) - Protocols

Provided below are standard protocols that you may find useful for product applications.

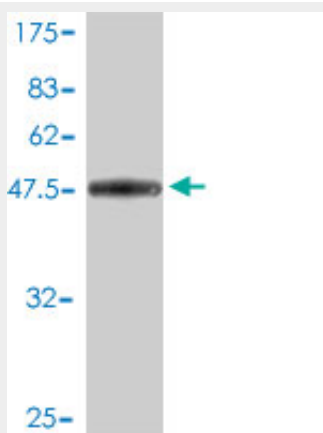
- [Western Blot](#)
- [Blocking Peptides](#)

- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

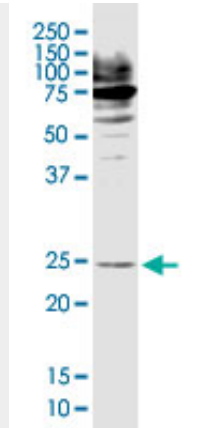
DSU Antibody (monoclonal) (M01) - Images



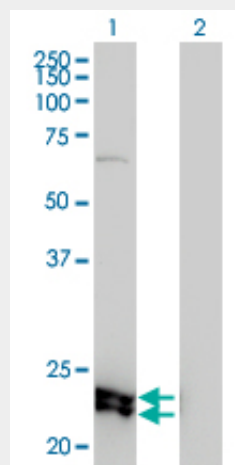
Immunoprecipitation of MREG transfected lysate using anti-MREG monoclonal antibody and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with MREG MaxPab rabbit polyclonal antibody.



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (49.28 kDa) .

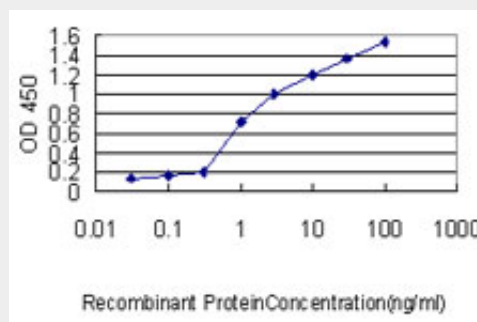


DSU monoclonal antibody (M01), clone 8F9-1B2 Western Blot analysis of DSU expression in MCF-7 (Cat # AT1823a)



Western Blot 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.



Detection limit for recombinant GST tagged DSU is approximately 0.03ng/ml as a capture antibody.

DSU Antibody (monoclonal) (M01) - References

Multistudy fine mapping of chromosome 2q identifies XRCC5 as a chronic obstructive pulmonary disease susceptibility gene. Hersh CP, et al. Am J Respir Crit Care Med, 2010 Sep 1. PMID 20463177. Genome-wide association study of alcohol dependence. Treutlein J, et al. Arch Gen

Psychiatry, 2009 Jul. PMID 19581569. dsu functions in a MYO5A-independent pathway to suppress the coat color of dilute mice. O'Sullivan TN, et al. Proc Natl Acad Sci U S A, 2004 Nov 30. PMID 15550542. Complete sequencing and characterization of 21,243 full-length human cDNAs. Ota T, et al. Nat Genet, 2004 Jan. PMID 14702039. Generation and initial analysis of more than 15,000 full-length human and mouse cDNA sequences. Strausberg RL, et al. Proc Natl Acad Sci U S A, 2002 Dec 24. PMID 12477932.