

TROVE2 Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a partial recombinant TROVE2.****Catalog # AT4365a****Specification**

TROVE2 Antibody (monoclonal) (M01) - Product Information

Application	WB, E
Primary Accession	P10155
Other Accession	NM_004600
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	60671

TROVE2 Antibody (monoclonal) (M01) - Additional Information**Gene ID** 6738**Other Names**

60 kDa SS-A/Ro ribonucleoprotein, 60 kDa Ro protein, 60 kDa ribonucleoprotein Ro, RoRNP, Ro 60 kDa autoantigen, Sjogren syndrome antigen A2, Sjogren syndrome type A antigen, SS-A, TROVE domain family member 2, TROVE2, RO60, SSA2

Target/Specificity

TROVE2 (NP_004591, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

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

TROVE2 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

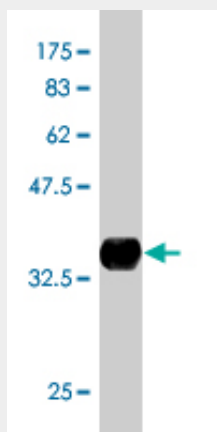
TROVE2 Antibody (monoclonal) (M01) - Protocols

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

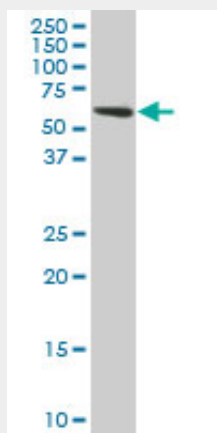
- [Western Blot](#)

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

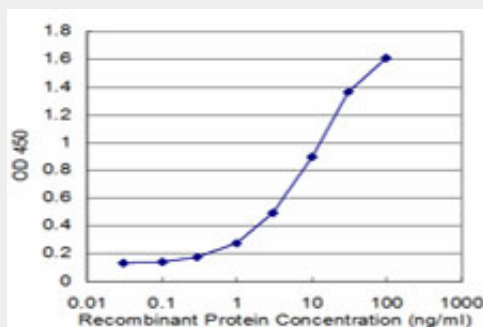
TROVE2 Antibody (monoclonal) (M01) - Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 KDa) .



TROVE2 monoclonal antibody (M01), clone 2B4. Western Blot analysis of TROVE2 expression in HeLa (Cat # AT4365a)



Detection limit for recombinant GST tagged TROVE2 is approximately 0.3ng/ml as a capture antibody.

TROVE2 Antibody (monoclonal) (M01) - References

New genetic associations detected in a host response study to hepatitis B vaccine. Davila S, et al. *Genes Immun*, 2010 Apr. PMID 20237496. Reactivity with dichotomous determinants of Ro 60 stratifies autoantibody responses in lupus and primary Sjögren's syndrome. Reed JH, et al. *Arthritis Rheum*, 2010 May. PMID 20131295. Ro60-associated single-stranded RNA links inflammation with fetal cardiac fibrosis via ligation of TLRs: a novel pathway to autoimmune-associated heart block. Clancy RM, et al. *J Immunol*, 2010 Feb 15. PMID 20089705. Ro 60 functions as a receptor for beta(2)-glycoprotein I on apoptotic cells. Reed JH, et al. *Arthritis Rheum*, 2009 Mar. PMID 19248095. Human Y5 RNA specializes a Ro ribonucleoprotein for 5S ribosomal RNA quality control. Hogg JR, et al. *Genes Dev*, 2007 Dec 1. PMID 18056422.