

**TROVE2 Antibody (monoclonal) (M01)**

Mouse monoclonal antibody raised against a partial recombinant TROVE2.

Catalog # AT4365a

**Specification**

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**TROVE2 Antibody (monoclonal) (M01) - Product Information**

Application	WB, E
Primary Accession	<a href="#">P10155</a>
Other Accession	<a href="#">NM_004600</a>
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

**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.

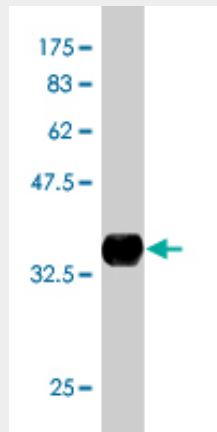
**TROVE2 Antibody (monoclonal) (M01) - Protocols**

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

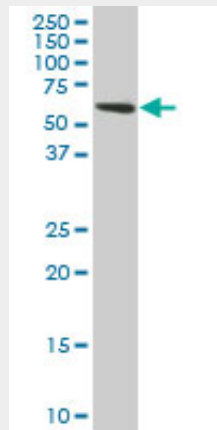
- [Western Blot](#)
- [Blocking Peptides](#)

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

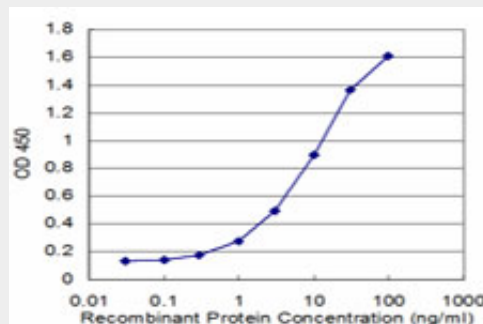
### TROVE2 Antibody (monoclonal) (M01) - Images



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.