

TROVE2 Antibody (monoclonal) (M03)**Mouse monoclonal antibody raised against a partial recombinant TROVE2.****Catalog # AT4366a****Specification**

TROVE2 Antibody (monoclonal) (M03) - Product Information

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

TROVE2 Antibody (monoclonal) (M03) - 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) (M03) is for research use only and not for use in diagnostic or therapeutic procedures.

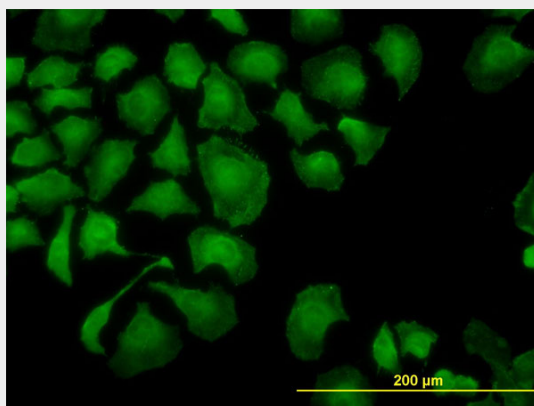
TROVE2 Antibody (monoclonal) (M03) - Protocols

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

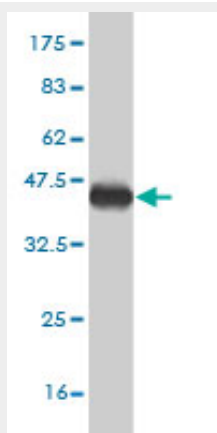
- [Western Blot](#)
- [Blocking Peptides](#)

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

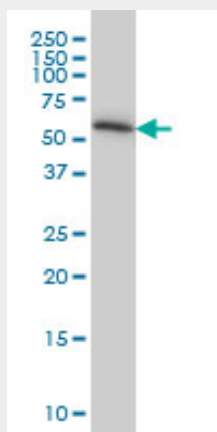
TROVE2 Antibody (monoclonal) (M03) - Images



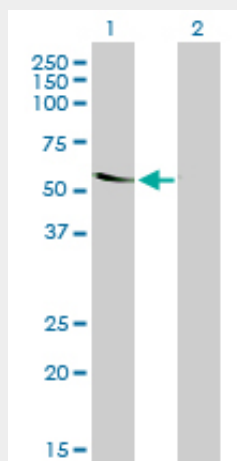
Immunofluorescence of monoclonal antibody to TROVE2 on HeLa cell. [antibody concentration 10 ug/ml]



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



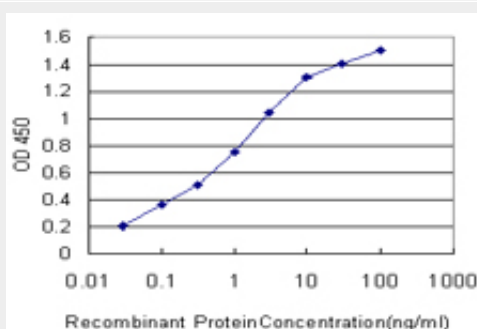
TROVE2 monoclonal antibody (M03), clone 1F2 Western Blot analysis of TROVE2 expression in HeLa ((Cat # AT4366a)



Western Blot analysis of TROVE2 expression in transfected 293T cell line by TROVE2 monoclonal antibody (M03), clone 1F2.

Lane 1: TROVE2 transfected lysate(60.7 KDa).

Lane 2: Non-transfected lysate.



Detection limit for recombinant GST tagged TROVE2 is approximately 0.03ng/ml as a capture antibody.

TROVE2 Antibody (monoclonal) (M03) - 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.