

TRIM49 Antibody (monoclonal) (M05)**Mouse monoclonal antibody raised against a partial recombinant TRIM49.****Catalog # AT4357a****Specification**

TRIM49 Antibody (monoclonal) (M05) - Product Information

Application	IF, WB, E
Primary Accession	P0C125
Other Accession	NM_020358
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2b Kappa
Calculated MW	52888

TRIM49 Antibody (monoclonal) (M05) - Additional Information**Gene ID** 57093**Other Names**

Tripartite motif-containing protein 49, RING finger protein 18, Testis-specific RING-finger protein, TRIM49, RNF18

Target/Specificity

TRIM49 (NP_065091, 251 a.a. ~ 340 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

TRIM49 Antibody (monoclonal) (M05) is for research use only and not for use in diagnostic or therapeutic procedures.

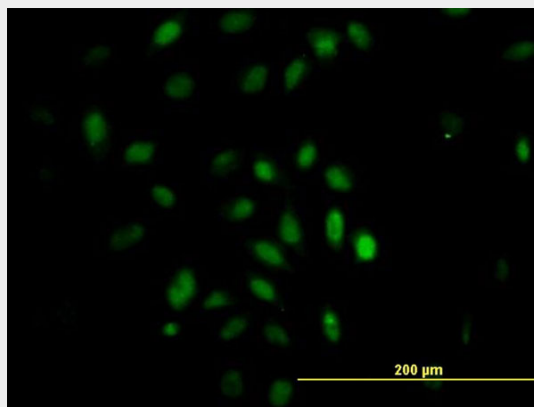
TRIM49 Antibody (monoclonal) (M05) - Protocols

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

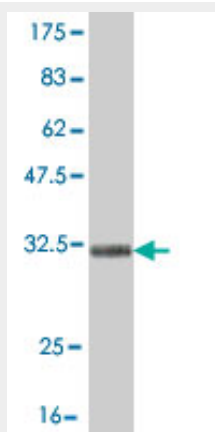
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

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

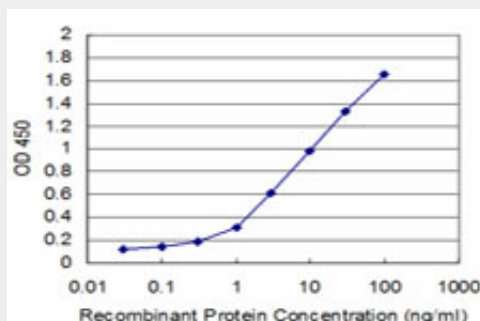
TRIM49 Antibody (monoclonal) (M05) - Images



Immunofluorescence of monoclonal antibody to TRIM49 on HeLa cell. [antibody concentration 10 ug/ml]



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (35.64 KDa) .



Detection limit for recombinant GST tagged TRIM49 is approximately 0.1ng/ml as a capture antibody.

TRIM49 Antibody (monoclonal) (M05) - Background

The protein encoded by this gene contains a RING zinc finger, a motif known to be involved in protein-protein interactions. This gene has been found to be preferentially expressed in testis. Related pseudogenes and gene duplicates have also been identified on chromosome 11.

TRIM49 Antibody (monoclonal) (M05) - References

The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. Genome Res, 2004 Oct. PMID 15489334. 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. Isolation of a cDNA for a novel human RING finger protein gene, RNF18, by the virtual transcribed sequence (VTS) approach(1). Yoshikawa T, et al. Biochim Biophys Acta, 2000 Oct 2. PMID 11018261.