

TRIM5 Antibody (monoclonal) (M06)

Mouse monoclonal antibody raised against a partial recombinant TRIM5.

Catalog # AT4358a

Specification

TRIM5 Antibody (monoclonal) (M06) - Product Information

Application	E
Primary Accession	O9C035
Other Accession	NM_033034
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	56338

TRIM5 Antibody (monoclonal) (M06) - Additional Information

Gene ID 85363

Other Names

Tripartite motif-containing protein 5, 632-, RING finger protein 88, TRIM5, RNF88

Target/Specificity

TRIM5 (NP_149023, 309 a.a. ~ 418 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

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

TRIM5 Antibody (monoclonal) (M06) is for research use only and not for use in diagnostic or therapeutic procedures.

TRIM5 Antibody (monoclonal) (M06) - 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](#)

TRIM5 Antibody (monoclonal) (M06) - Images

TRIM5 Antibody (monoclonal) (M06) - Background

The protein encoded by this gene is a member of the tripartite motif (TRIM) family. The TRIM motif includes three zinc-binding domains, a RING, a B-box type 1 and a B-box type 2, and a coiled-coil region. The protein forms homo-oligomers via the coiled-coil region and localizes to cytoplasmic bodies. It appears to function as a E3 ubiquitin-ligase and ubiquitinates itself to regulate its subcellular localization. It may play a role in retroviral restriction. Multiple alternatively spliced transcript variants encoding different isoforms have been described for this gene.

TRIM5 Antibody (monoclonal) (M06) - References

Murine double minute 2 as a modulator of retroviral restrictions mediated by TRIM5alpha. Malbec M, et al. *Virology*, 2010 Sep 30. PMID 20619429. A TRIM5alpha exon 2 polymorphism is associated with protection from HIV-1 infection in the Pumwani sex worker cohort. Price H, et al. *AIDS*, 2010 Jul 31. PMID 20588169. p62/sequestosome-1 associates with and sustains the expression of retroviral restriction factor TRIM5alpha. O'Connor C, et al. *J Virol*, 2010 Jun. PMID 20357094. Hsp70 interacts with the retroviral restriction factor TRIM5alpha and assists the folding of TRIM5alpha. Hwang CY, et al. *J Biol Chem*, 2010 Mar 5. PMID 20053985. Anti-retroviral activity of TRIM5 alpha. Nakayama EE, et al. *Rev Med Virol*, 2010 Mar. PMID 20049904.