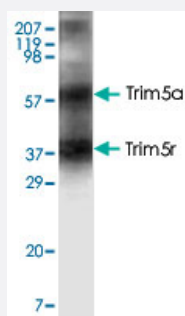


TRIM5 monoclonal antibody, clone 3B11H2

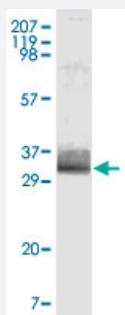
Catalog # MAB5551 Size 100 ug

Applications



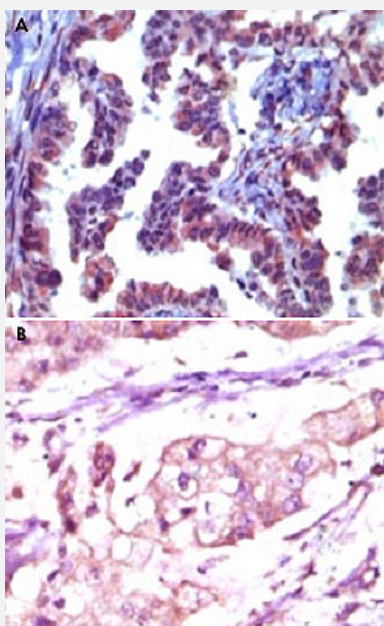
Western Blot (Tissue lysate)

Western blot analysis using TRIM5 monoclonal antibody, clone 3B11H2 (Cat # MAB5551) against lysate of human breast tissue with Pierce's SuperSignal Femto substrate.



Western Blot (Recombinant protein)

Western blot analysis using TRIM5 monoclonal antibody, clone 3B11H2 (Cat # MAB5551) against truncated TRIM5 recombinant protein.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded metastatic adenocarcinoma (A) showing cytoplasmic localization, human stomach adenocarcinoma (B) showing cytoplasmic localization, using TRIM5 monoclonal antibody, clone 3B11H2 (Cat # MAB5551).

The second antibody HRP was used before color development with AEC (A) and DAB (B).

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant TRIM5.
Immunogen	Recombinant protein corresponding to human TRIM5.
Host	Mouse
Reactivity	Human
Form	Liquid
Isotype	IgG1
Recommend Usage	Western Blot (1:1000-1:5000) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:100-1:400) Immunohistochemistry (Frozen sections) (1:200-1:400) The optimal working dilution should be determined by the end user.
Storage Buffer	In ascites
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

Western blot analysis using TRIM5 monoclonal antibody, clone 3B11H2 (Cat # MAB5551) against lysate of human breast tissue with Pierce's SuperSignal Femto substrate.

- Western Blot (Recombinant protein)

Western blot analysis using TRIM5 monoclonal antibody, clone 3B11H2 (Cat # MAB5551) against truncated TRIM5 recombinant protein.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded metastatic adenocarcinoma (A) showing cytoplasmic localization, human stomach adenocarcinoma (B) showing cytoplasmic localization, using TRIM5 monoclonal antibody, clone 3B11H2 (Cat # MAB5551).

The second antibody HRP was used before color development with AEC (A) and DAB (B).

- Immunohistochemistry (Frozen sections)

Gene Info — TRIM5

Entrez GeneID	85363
Gene Name	TRIM5
Gene Alias	RNF88, TRIM5alpha
Gene Description	tripartite motif-containing 5
Omim ID	608487
Gene Ontology	Hyperlink
Gene Summary	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 localizes to cytoplasmic bodies. Its function has not been identified. Five alternatively spliced transcript variants for this gene have been described. However, the full length nature of two of the variants has not been determined. [provided by RefSeq]
Other Designations	OTTHUMP00000069811 OTTHUMP00000069812 tripartite motif protein TRIM tripartite motif protein TRIM5 tripartite motif-containing protein 5 alpha

Publication Reference

- [Retrovirus restriction by TRIM5alpha variants from Old World and New World primates.](#)
Song B, Javanbakht H, Perron M, Park DH, Stremlau M, Sodroski J.
Journal of Virology 2005 Apr; 79(7):3930.
- [The cytoplasmic body component TRIM5alpha restricts HIV-1 infection in Old World monkeys.](#)
Stremlau M, Owens CM, Perron MJ, Kiessling M, Autissier P, Sodroski J.
Nature 2004 Feb; 427(6977):848.

Disease

- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Genetic Predisposition to Disease](#)
- [HIV Infections](#)
- [HIV Seropositivity](#)