

Mouse Monoclonal Antibody to Trim5a

Order Information

Catalog#	20023	
Size/Concentration	100µl	50µl
Price(¥)	2180	1280

Description

TRIM5-alpha is a protein that is found in the cells of many mammals and fends of various retrovirus infections. It protects monkeys from infection with HIV-1, and humans from infection with some other viruses. If a retrovirus has entered a cell, it needs to shed its capsid in order to reversely transcribe its genes, so that they can be expressed by the host cell. It is believed that TRIM5 alpha, which is present in the cytoplasm, somehow recognizes the capsid and blocks its shedding, thereby stopping the virus in its tracks. It thus represents an intracellular defense completely separate from the rest of the body's immune system.

Specification

Aliases : RNF88; TRIM5alpha

Entrez GeneID : 85363

Swissprot : Q9C035

clone : 3B11H2

Host/Isotype : Mouse IgG1

Storage : Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Species Reactivity : Human

Immunogen : Purified recombinant fragment of human trim5 alpha expressed in E. Coli.

Formulation : Ascitic fluid containing 0.03% sodium azide.

Application

WB	1/500 - 1/2000
IHC	1/200 - 1/1000
ELISA	1/10000

References

1. Stremlau, M. Nature 2004.427:848-53.
2. Song, B. J Virol. 2005.79(7):3930-7.

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Protocol

WB - www.promab.com/protocol/wb.html
IHC - www.promab.com/protocol/ihc.html
ICC - www.promab.com/protocol/icc.html
HCM - www.promab.com/protocol/hcm.html

Antigen Sequence is available upon request.

Products and Services

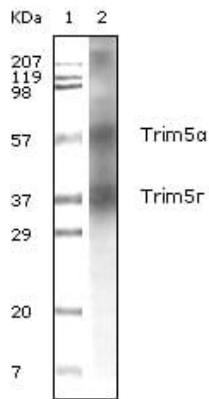
- Mouse Monoclonal Antibody
- Rat Monoclonal Antibody
- Human Antibody
- Hybridoma Sequencing
- Polyclonal Antibody

For Research Only

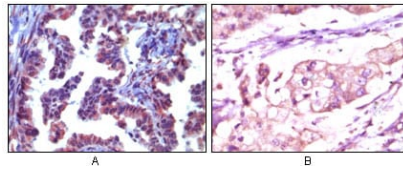
Application Key:WB - Western Blot | IHC - Immunohistochemistry | ICC - Immunocytochemistry | FCM - Flow Cytometry | ELISA - Enzyme-linked Immunosorbent Assay | IP - Immunoprecipitation

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Mouse Monoclonal Antibody to Trim5a



Western blot analysis using Trim5a mouse mAb against human breast carcinoma tissue lysate.



Immunohistochemical analysis of paraffin-embedded human metastatic adenocarcinoma (A) and stomach adenocarcinoma (B), showing cytoplasmic localization using Trim5a mouse mAb with AEC staining (A) and DAB staining (B).

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