

Trim5a Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA4213
Host	Mouse
Isotype	Mouse IgG1
Size	100μL, 50μL
Immunogen	Purified recombinant fragment of human trim5 alpha expressed in E. Coli.
Mol wt	N/A
Species reactivity	Human
Clonality	Monoclonal
Recommended application	WB,IHC
Concentration	N/A
Full name	N/A
Synonyms	RNF88;TRIM5alpha

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

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.

Recommended Dilution

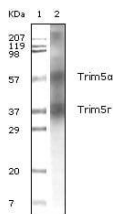
WB: 1:500 - 1:2000

IHC-p: 1:200 - 1:1000

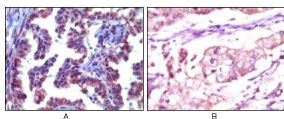
ELISA: 1:10000

Not yet tested in other applications.

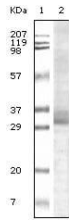
Images



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).



Western blot analysis using Trim5a mouse monoclonal antibody against truncated Trim5a recombinant protein.

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.

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