

## Trim5a monoclonal antibody

Catalog: MB21040

Host: Mouse

Reactivity: Human

### 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.

### Product:

Purified antibody in PBS with 0.05% sodium azide.

### Molecular Weight:

### Swiss-Prot:

Q9C035

### Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB:1/500 - 1/2000 IHC:1/200 - 1/1000

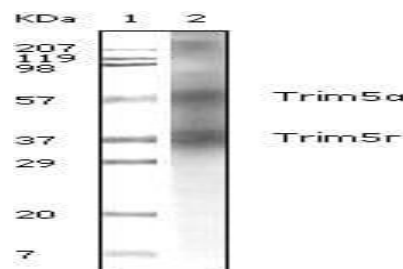
### Storage&Stability:

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

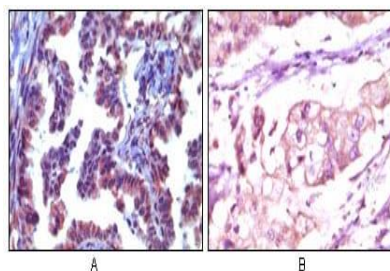
### Isotype:

Mouse IgG1

### DATA:



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).

### Note:

For research use only, not for use in diagnostic procedure.

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