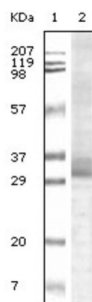
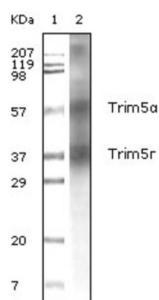


## Tripartite Motif-Containing Protein 5 (Trim5 alpha) Antibody

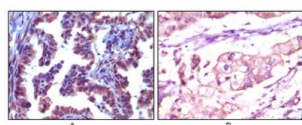
Catalogue No.: abx012281



Western blot analysis using Trim5α antibody against human breast carcinoma tissue lysate.



Immunohistochemical analysis of paraffin-embedded human metastatic adenocarcinoma (A) and stomach adenocarcinoma (B), showing cytoplasmic localization using Trim5α antibody with AEC staining (A) and DAB staining (B).



Western blot analysis using Trim5α mouse monoclonal antibody against truncated Trim5α recombinant protein.

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.

**Target:** Tripartite Motif-Containing Protein 5 (Trim5 alpha)

**Clonality:** Monoclonal

**Reactivity:** Human

**Tested Applications:** ELISA, WB, IHC

**Host:** Mouse

# Datasheet

Version: 5.0.0  
Revision date: 10 Sep 2025



**Recommended dilutions:** ELISA: 1/10000, WB: 1/500 - 1/2000, IHC: 1/200 - 1/1000. Optimal dilutions/concentrations should be determined by the end user.

**Conjugation:** Unconjugated

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

**Isotype:** IgG<sub>1</sub>

**Form:** Liquid

**Purification:** Unpurified ascites.

**Storage:** Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

**UniProt Primary AC:** Q9C035 ([UniProt](#), [ExPASy](#))

**Gene Symbol:** TRIM5

**GeneID:** [85364](#)

**OMIM:** [608487](#)

**HGNC:** 16276

**Ensembl:** ENSG00000132256

**String:** [9606.ENSP00000369373](#)

**Molecular Weight:** 56 kDa

**Buffer:** Ascitic fluid containing 0.03% sodium azide.

**Concentration:** Not determined.

**Note:** THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.