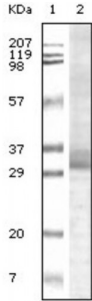


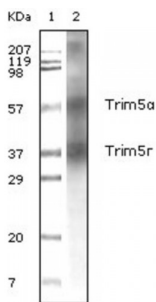
Abbexa Ltd, Innovation Centre, Cambridge Science Park, Cambridge, CB4 0EY, UK
 Telephone: +44 (0) 1223 755950 - Fax: +44 (0) 1223 755951 - E-Mail: info@abbexa.com

Tripartite Motif-Containing Protein 5 (Trim5 alpha) Antibody

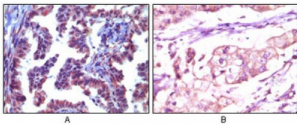
Catalogue No.: abx012281



Western blot analysis using Trim5 α antibody against human breast carcinoma tissue lysate.



Immunohistochemical analysis of paraffin-embedded human metastatic adenocarcinoma (A) and stomach adenocarcinoma (B), showing cytoplasmic localization using Trim5 α antibody with AEC staining (A) and DAB staining (B).



Western blot analysis using Trim5 α mouse monoclonal antibody against truncated Trim5 α 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: Trim5 alpha

Reactivity: Human

Host: Mouse

Clonality: Monoclonal

Tested Applications: ELISA, WB, IHC

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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.

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

Purification: Unpurified Ascites.

Isotype: IgG₁

Conjugation: Unconjugated

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

Molecular Weight: 56 kDa

Swiss Prot: [Q9C035](#)

GeneID: [85364](#)

Gene Symbol: TRIM5

OMIM: [608487](#)

HGNC: 16276

Ensembl: ENSG00000132256

Buffer: Ascitic fluid containing 0.03% sodium azide.

Note: This product is for research use only.