

Trim5 alpha Ab

[Images\(1\)](#)

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|---------------|-----------------|-----------------------|
| Cat.#: BF0206 | Concn.: ~1mg/ml | Mol.Wt.: 56kDa. |
| Size: | Source: Mouse | Clonality: Monoclonal |

Application: ELISA 1:10000, WB 1:500-1:2000, IHC 1:200-1:1000
 *The optimal dilutions should be determined by the end user.

Reactivity: Human

Storage: Mouse IgG1 in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.

Purification: Affinity-chromatography.

Immunogen: Purified recombinant fragment of human Trim5alpha expressed in E. Coli.

Uniprot: Q9C035

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.

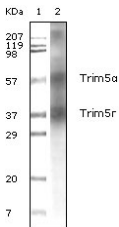


Figure 1: Western blot analysis using Trim5[?] mouse mAb against human breast carcinoma tissue lysate.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk, 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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