

Mouse Monoclonal Antibody to Trim5a

Catalogue Number	sAP-0023
Target Molecule	<p>Name: Trim5a</p> <p>Aliases: RNF88; TRIM5alpha</p> <p>MW: N/A</p> <p>Entrez Gene ID: 85364</p>
Description	<p>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.</p>
Immunogen	Purified recombinant fragment of human trim5 alpha expressed in E. Coli.
Recitative Species	Human;
Clone	MM3B11H2;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
Reconstitution/Storages	Reconstituted with 100µl sterile DI H2O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Stremlau, M. Nature 2004.427:848-53. ; 2. Song, B. J Virol. 2005.79(7):3930-7. ;

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**