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DATA SHEET

Mouse Monoclonal Antibody to RF1

Cataloge Number	sAP-1301
Target Molecule	**Name: RF1** **Aliases:** ERF; ETF1; ERF1; TB3-1; D5S1995; SUP45L1 **MW: 49kDa** **Entrez Gene ID: 2107**
Descrption	This gene encodes a class-1 polypeptide chain release factor. The encoded protein plays an essential role in directing termination of mRNA translation from the termination codons UAA, UAG and UGA. This protein is a component of the SURF complex which promotes degradation of prematurely terminated mRNAs via the mechanism of nonsense-mediated mRNA decay (NMD). Alternate splicing results in multiple transcript variants. Pseudogenes of this gene are found on chromosomes 6, 7, and X.;
Immunogen	Purified recombinant fragment of human RF1 (AA: 288-437) expressed in E. Coli.
Recitative Species	Human;
Clone	MM4F9H12;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
Reconstitution/Storages	Reconstitued 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: ; ICC: ; FCM: 1 to 200 - 1 to 400
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1.Nucleic Acids Res. 2013 Apr;41(8):4573-86. ; 2.Protein Sci. 2012 Jun;21(6):896-903.;

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

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