

RFP Mouse mAb

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Catalog # AP93945

Product Information

Application	WB, IHC-P, IHC-F, IF, E
Reactivity	Species independent
Host	Mouse
Clonality	Monoclonal
Physical State	Liquid
Immunogen	Recombinant Red fluorescent protein
Isotype	IgG
Purity	affinity purified by Protein G

Buffer 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Important Note This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Background Descriptions Fluorescent proteins have become a useful and ubiquitous tool for making chimeric proteins, where they function as a fluorescent protein tag. Typically they tolerate N- and C-terminal fusion to a broad variety of proteins. They have been expressed in most known cell types and are used as a noninvasive fluorescent marker in living cells and organisms. They enable a wide range of applications where they have functioned as a cell lineage tracer, reporter of gene expression, or as a measure of protein-protein interactions. Red Fluorescent Protein (RFP) is a versatile biological marker for monitoring physiological processes, visualizing protein localization, and detecting transgenic expression in vivo. RFP can be excited by the 488 nm or 532 nm laser line and is optimally detected at 588 nm.

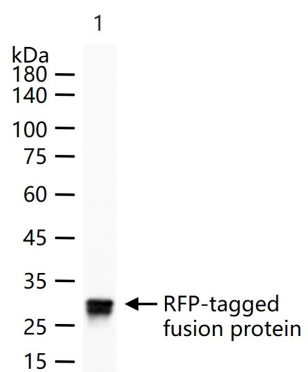
Additional Information

Dilution	WB=1:5000-50000, ELISA=1:1000-5000, IHC-P=1:200-1000, IHC-F=1:200-1000, IF=1:200-1000, ICC/IF=1:100-500, Flow-Cyt=1ug/Test
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

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Images



20 ng Recombinant RFP protein, His (AP93945) per lane probed with RFP monoclonal antibody respectively, unconjugated (AP93945) at 1:5000 dilution and 4°C overnight incubation. Followed by corresponding conjugated secondary antibody incubation at r.t. for 60 min.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.