

RFP Rabbit pAb

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Catalog # AP94470

Product Information

Application	WB, IHC-P, IHC-F, IF, IP
Host	Rabbit
Clonality	Polyclonal
Physical State	Liquid
Immunogen	Recombinant Red fluorescent protein
Isotype	IgG
Purity	affinity purified by Protein A

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=1:500-2000, ELISA=1:5000-10000, IHC-P=1:200-1000, IHC-F=1:200-1000, IF=1:200-1000, ICC/IF=1:100-500, Flow-Cyt=1ug/Test, IP=1:50-200

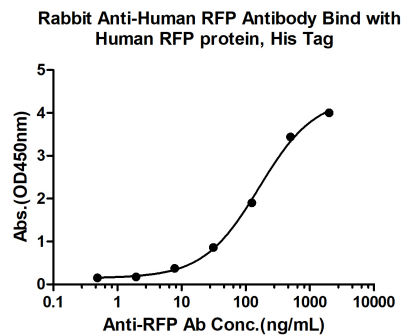
Storage Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Background

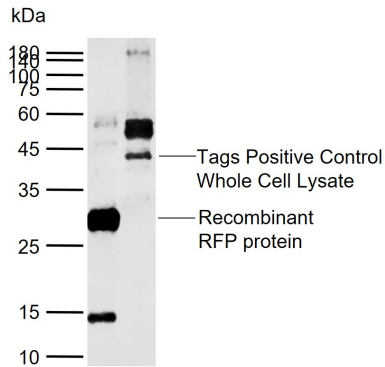
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Images

Measured by its binding ability in a indirect ELISA.



Immobilized Human RFP protein, His Tag (Cat. AP94470) at 2 µg/mL (100 µL/well) can bind Rabbit Anti-Human RFP Antibody, the EC50 is 161.8 ng/mL.



Sample:

Lane 1: Recombinant RFP protein, His

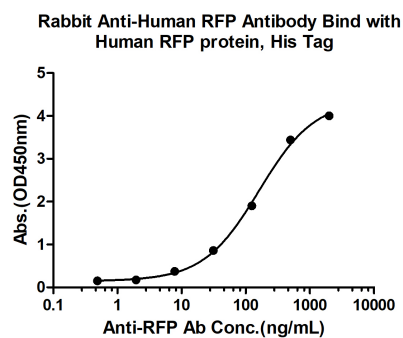
Lane 2: Tags Positive Control Whole Cell Lysate, C-His

Primary: Anti-RFP (AP94470) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: kDa

Observed band size: 30,44 kDa

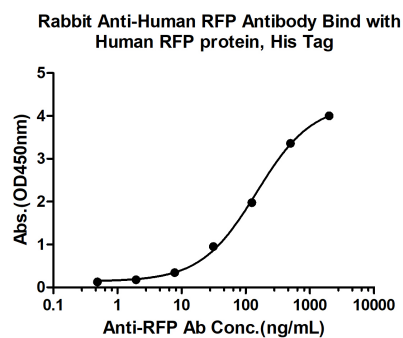


Measured by its binding ability in a indirect ELISA.

Immobilized Human RFP protein, His Tag (Cat. bs-33011P)

at 2 µg/mL (100 µL/well) can bind Rabbit Anti-Human

RFP Antibody, the EC50 is 161.8 ng/mL.



Measured by its binding ability in a indirect ELISA.

Immobilized Human RFP protein, His Tag (Cat. bs-33011P)

at 2 µg/mL (100 µL/well) can bind Rabbit Anti-Human

RFP Antibody, the EC50 is 147.7 ng/mL.

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