

Mouse RFP Tag Monoclonal Antibody | anti-RFP antibody

RFP Tag Mouse Monoclonal Antibody (RF5R)

CATALOG # AAA14614	HOST Mouse	APPLICATIONS Immunohistochemistry, Western Blot
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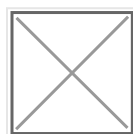
PRODUCT SYNONYMS

RFP Tag; Monoclonal Antibody; RFP Tag Mouse Monoclonal Antibody (RF5R); anti-RFP antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	RF5R
Specificity	The antibody recognizes native and denatured forms of RFP and its variants: TagRFR TurboRFR dsRed, mCherry, mOrange, tdTomato, etc
Form/Format	Lyophilized protein G purified in PBS pH7.4
Applicable Applications for anti-RFP antibody	IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	If reconstituted with deionized water in 100 uL: WB: 1:1,000-3,000; IHC: 1:500-2,000. Optimal dilution has to be determined by the user.
Immunogen	The antibody was raised against RFP from the Discosoma sea anemone N-terminal peptide-KLH conjugated.
Target	RFP Tag
Preparation and Storage	Lyophilized antibodies can be kept at 4°C for up to 3 months and should be kept at -20°C for long-term storage (2 years). To avoid freeze-thaw cycles, reconstituted antibodies should be aliquoted before freezing for long-term (1 year) storage (-80°C) or kept at 4°C for short-term usage (2 months). For maximum recovery of product, centrifuge the original vial prior to removing the cap. Further dilutions can be made with the assay buffer. After the maximum long-term storage period (2 years lyophilized or 1 year reconstituted) antibodies should be tested in your assay with a standard sample to verify if you have noticed any decrease in their efficacy. To limit antibody loss or degradation, BSA (final concentration 1%) and sodium azide (final concentration 0.02%) can be added to the suggested first dilution. It is important to first verify if those preservatives are compatible with your assay.

IMAGES



WB (Western Blot)

Western blot analysis of HEK293 cells transfected with RFP-tagged protein vector. 1:1000 (1ug/mL) Ab dilution. Non--transfected (1), transfected with TurboRFP (2) and transfected with dsRed (3)

ADDITIONAL INFORMATION

Related Product Information for anti-RFP antibody	Target background: Red Fluorescent Protein (RFP) is a protein derived from the Discosoma sea anemone. Fluorescent proteins are powerful tools to study protein localization and dynamics in living cells. The anti-RFP antibody can be used to detect native RFP and its variants: TagRFP, TurboRFP, dsRed, mCherry, mOrange and tdTomato.
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/rfp-tag-antibody-clone-rf5r-immunohistochemistry-western-blot-elisa/14614>