

For Research Use Only



Entacmaea quadricolor eqRFP630/eqRFP611 Monoclonal antibody, PBS Only

Catalog Number: 67378-1-PBS

Basic Information

Catalog Number:

67378-1-PBS

Size:

1 mg/ml

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG27669

GenBank Accession Number:

GeneID (NCBI):

UNIPROT ID:

Q8ISF8

Full Name:

Calculated MW:

26 kDa

Purification Method:

Protein A purification

CloneNo.:

1E3C5

Applications

Tested Applications:

WB, ELISA

Species Specificity:

recombinant protein

Background Information

Red fluorescent proteins (RFPs) is a collective term referring to a heterogeneous group of red chromophore-carrying proteins, originating from various species and forming different protein lineages. The original RFP (dsRed) is a 225 amino acid fluorescent protein (25.9 kDa) derived from *Discosoma* sp.. It emits red light with a peak wavelength of 593 nm upon excitation by green light (excitation peak at 558 nm). When fused with other proteins, RFP serves as a versatile reporter protein e.g. for quantifying expression levels or facilitates visualization of subcellular localization through fluorescence microscopy. RFP611 and RFP 630 is a basic (constitutively fluorescent) red fluorescent protein derived from *Entacmaea quadricolor*. This antibody is a mouse (IgG2b) monoclonal antibody raised against RFP (eqFP611), it can also recognize eqFP630. This antibody does not recognize DsRed or mRFP.

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

For technical support and original validation data for this product please contact:

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



RFP tagged protein were subjected to SDS PAGE followed by western blot with 67378-1-Ig (RFP antibody) at dilution of 1:80000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67378-1-PBS in a different storage buffer formulation.