

For Research Use Only



Entacmaea quadricolor eqRFP630/eqRFP611 Monoclonal antibody, PBS Only

Catalog Number: 67378-1-PBS

Basic Information

Catalog Number: 67378-1-PBS	GenBank Accession Number: GeneID (NCBI): UNIPROT ID: Q8ISF8	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	Full Name: Calculated MW: 26 kDa	CloneNo.: 1E3C5
Source: Mouse		
Isotype: IgG2b		
Immunogen Catalog Number: AG27669		

Applications

Tested Applications:
WB, ELISA

Species Specificity:
recombinant protein

Background Information

Red fluorescent proteins (RFPs) is a collective term referring to a heterogenous 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

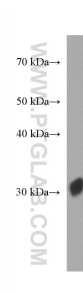
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

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