## For Research Use Only

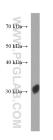
## Entacmaea quadricolor eqRFP630/eqRFP611 Monoclonal antibody, PBS Only Catalog Number:67378-1-PBS



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 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. The product is shipped with ice pao Storage Buffer: PBS Only	:ks. Upon receipt, store it immediatel	yat-80℃

For technical support and original validation data for this product please contact: T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com 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.