For Research Use Only

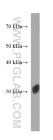
Entacmaea quadricolor eqRFP630/eqRFP611 Monoclonal antibody, PBS Only Catalog Number:67378-1-PBS



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.