

For Research Use Only

EIF2B2 Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number: 86578-2-PBS



Basic Information

Catalog Number: 86578-2-PBS	GenBank Accession Number: BC011750	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 8892	CloneNo.: 251505C12
Source: Rabbit	UNIPROT ID: P49770	
Isotype: IgG	Full Name: eukaryotic translation initiation factor 2B, subunit 2 beta, 39kDa	
Immunogen Catalog Number: AG1502	Calculated MW: 39 kDa	

Applications

Tested Applications:
Cytometric bead array, Indirect ELISA

Species Specificity:
human

Product Information

86578-2-PBS targets EIF2B2 as part of a matched antibody pair:

MP02529-1: 86578-3-PBS capture and 86578-2-PBS detection (validated in Cytometric bead array)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

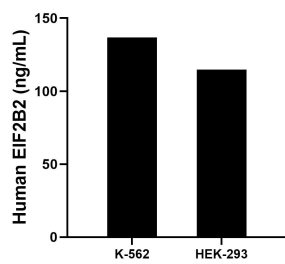
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

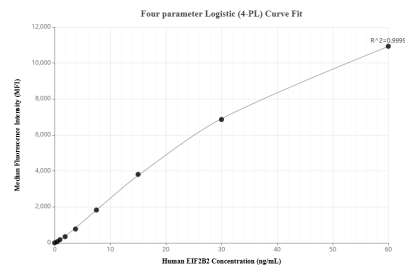
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

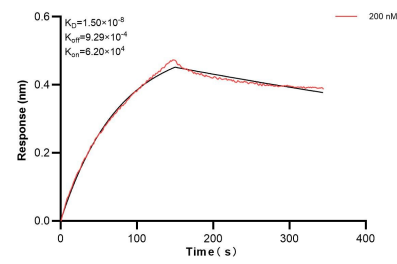
Selected Validation Data



The mean EIF2B2 concentration was determined to be 136.7 ng/mL in K-562 cell extract based on a 1.2 mg/mL extract load, 114.7 ng/mL in HEK-293 cell extract based on a 1.1 mg/mL extract load.



Cytometric bead array standard curve of MP02529-1, EIF2B2 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 86578-3-PBS. Detection antibody: 86578-2-PBS. Standard: Ag1502. Range: 0.469-60 ng/mL.



Biolayer Interferometry (BLI) kinetic assay of 86578-2-PBS against Human EIF2B2 was performed. The affinity constant is 15.0 nM.