

For Research Use Only

EIF3I Recombinant antibody, PBS Only (Detector)

Catalog Number: 85603-2-PBS



Basic Information

Catalog Number: 85603-2-PBS	GenBank Accession Number: BC000413	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 8668	CloneNo.: 243040B3
Source: Rabbit	UNIPROT ID: Q13347	
Isotype: IgG	Full Name: eukaryotic translation initiation factor 3, subunit I	
Immunogen Catalog Number: AG1847	Calculated MW: 36 kDa	
	Observed MW: 36 kDa	

Applications

Tested Applications:
WB, Cytometric bead array, Indirect ELISA

Species Specificity:
human, mouse

Product Information

85603-2-PBS targets EIF3I as part of a matched antibody pair:

MP01969-1: 85603-1-PBS capture and 85603-2-PBS detection (validated in Cytometric bead array)

MP01969-2: 85603-3-PBS capture and 85603-2-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.

Background Information

Eukaryotic initiation factor (EIF3) complex is the largest of the eIFs and consists of more than 10 nonidentical subunit, and is required for several steps in the initiation of protein synthesis. It associates with the 40S ribosome and facilitates the recruitment of eIF-1, eIF-1A, eIF-2:GTP:methionyl-tRNAi and eIF-5 to form the 43S preinitiation complex (43S PIC). Also it can stimulates mRNA recruitment to the 43S PIC and scanning of the mRNA for AUG recognition. The eIF-3 complex is also required for disassembly and recycling of posttermination ribosomal complexes and subsequently prevents premature joining of the 40S and 60S ribosomal subunits prior to initiation. EIF3I is one subunit of EIF3 complex.

Storage

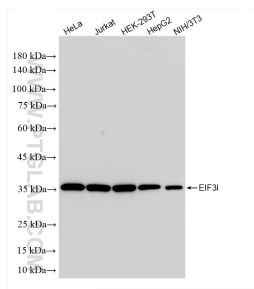
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

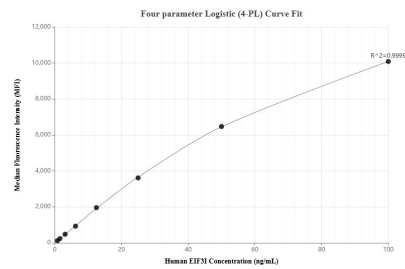
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

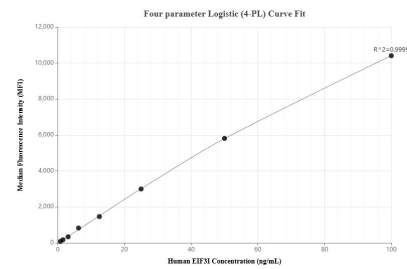
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85603-2-RR (EIF3I antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85603-2-PBS in a different storage buffer formulation.



Cytometric bead array standard curve of MP01969-2, EIF3I Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 85603-3-PBS. Detection antibody: 85603-2-PBS. Standard: Ag1847. Range: 0.781-100 ng/mL.



Cytometric bead array standard curve of MP01969-1, EIF3I Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 85603-1-PBS. Detection antibody: 85603-2-PBS. Standard: Ag1847. Range: 0.781-100 ng/mL.