

For Research Use Only

CD25/IL-2RA Monoclonal antibody, PBS Only (Detector)

Catalog Number: 68698-2-PBS



Basic Information

Catalog Number: 68698-2-PBS	GenBank Accession Number: BC156627	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 3559	CloneNo.: 1F3B5
Source: Mouse	UNIPROT ID: P01589	
Isotype: IgG2a	Full Name: interleukin 2 receptor, alpha	
Immunogen Catalog Number: EG0408	Calculated MW: 272 aa, 31 kDa	

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
human

Product Information

68698-2-PBS targets CD25/IL-2RA as part of a matched antibody pair:

MP50073-1: 68698-1-PBS capture and 68698-2-PBS detection (validated in Sandwich ELISA)

Unconjugated mouse monoclonal antibody pair in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation.

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

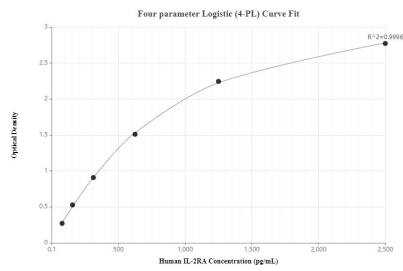
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

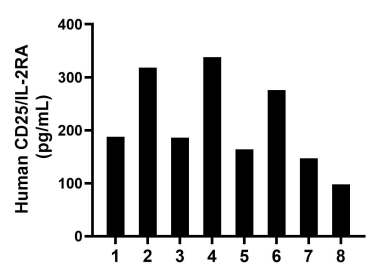
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

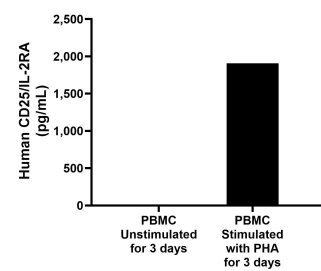
Selected Validation Data



Sandwich ELISA standard curve of MP50073-1, IL2RA Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 68698-1-PBS. Detection antibody: 68698-2-PBS. Standard: Eg0408. Range: 78.1-2500 pg/mL.



Serum of eight individual healthy human donors was measured. The CD25/IL-2RA concentration of detected samples was determined to be 214.4 pg/mL with a range of 98.2-337.8 pg/mL.



Human peripheral blood mononuclear cells (PBMC) were cultured unstimulated or stimulated with 10 µg/mL PHA for 3 days. The mean CD25/IL-2RA concentration was undetectable in unstimulated PBMC supernatant, 1,906.3 pg/mL in PHA stimulated PBMC supernatant.