

CD25/IL-2RA Monoclonal Matched Antibody Pair, PBS Only

Catalog Number: **MP50073-1**

Capture Antibody Information

Catalog Number:
68698-1-PBS
Host:
Mouse
Isotype:
IgG1
Purification Method:
Protein G purification

Clone ID:
1A1B2
Reactivity:
human
Immunogen Catalog Number:
Eg0408

Conjugate:
Unconjugated
Full name:
interleukin 2 receptor, alpha
Gene ID:
3559

Detection Antibody Information

Catalog Number:
68698-2-PBS
Host:
Mouse
Isotype:
IgG2a
Purification Method:
Protein A purification

Clone ID:
1F3B5
Reactivity:
human
GenBank:
BC156627
Immunogen Catalog Number:
Eg0408

Conjugate:
Unconjugated
Full name:
interleukin 2 receptor, alpha
Gene ID:
3559

Applications

Tested Applications:
Sandwich ELISA

Range:
78.1-2500 pg/mL (Sandwich ELISA)

Recommended Dilutions:
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

Product Information

MP50073-1 targets CD25/IL-2RA in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: CD25/IL-2RA Monoclonal antibody, PBS Only (Capture) 68698-1-PBS (1A1B2). 100 µg. Concentration 1 mg/mL.

Detection antibody: CD25/IL-2RA Monoclonal antibody, PBS Only (Detector) 68698-2-PBS (1F3B5). 100 µg. Concentration 1 mg/mL.

Unconjugated mouse monoclonal antibody pair in PBS only storage buffer at a concentration of 1 mg/mL, ready for conjugation.

Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

Storage

Storage:
Store at -80°C.
Storage buffer:
PBS only

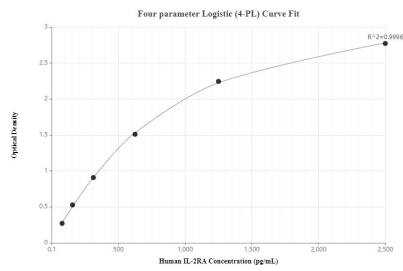
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

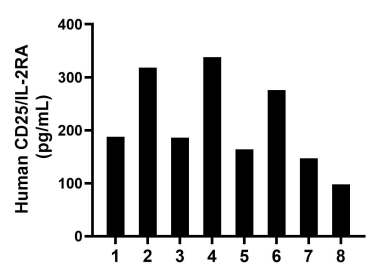
E: proteintech@ptglab.com
W: ptglab.com

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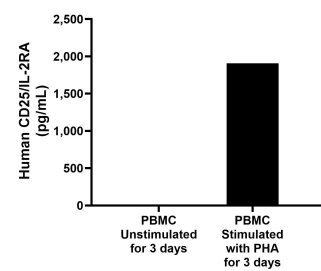
Selected Validation Data



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.