

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

Catalog Number: **MP50073-1**

Capture Antibody Information

Catalog Number: 68698-1-PBS	Clone ID: 1A1B2	Conjugate: Unconjugated
Host: Mouse	Reactivity: human	Full name: interleukin 2 receptor, alpha
Isotype: IgG1	GenBank: BC156627	Gene ID: 3559
Purification Method: Protein G purification	Immunogen Catalog Number: Eg0408	

Detection Antibody Information

Catalog Number: 68698-2-PBS	Clone ID: 1F3B5	Conjugate: Unconjugated
Host: Mouse	Reactivity: human	Full name: interleukin 2 receptor, alpha
Isotype: IgG2a	GenBank: BC156627	Gene ID: 3559
Purification Method: Protein A purification	Immunogen Catalog Number: Eg0408	

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.

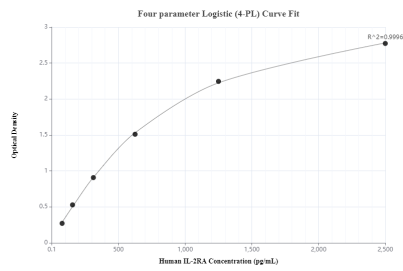
Antibody use should be optimized for each application and assay.

Storage

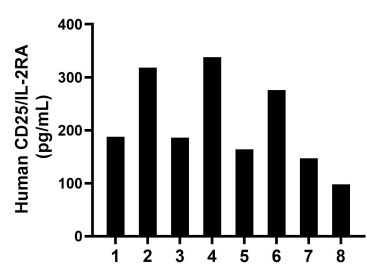
Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage buffer:
PBS only

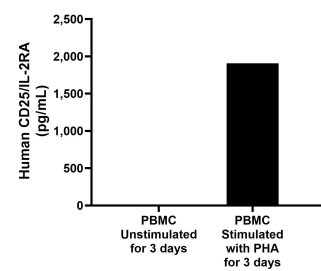
Selected Validation Data



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 μ g/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.