

IL-10 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: MP02490-1

Capture Antibody Information

Catalog Number:
86547-2-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
250059F11
Reactivity:
human
GenBank:
NM_000572.3
Immunogen Catalog Number:
Eg3296

Conjugate:
Unconjugated
Full name:
interleukin 10
Gene ID:
3586

Detection Antibody Information

Catalog Number:
86547-1-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
250059C12
Reactivity:
human
GenBank:
NM_000572.3
Immunogen Catalog Number:
Eg3296

Conjugate:
Unconjugated
Full name:
interleukin 10
Gene ID:
3586

Applications

Tested Applications:
Sandwich ELISA

Range:
31.3-2000 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

MP02490-1 targets IL-10 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: IL-10 Recombinant antibody, PBS Only (Capture) 86547-2-PBS (250059F11). 100 µg. Concentration 1 mg/mL.

Detection antibody: IL-10 Recombinant antibody, PBS Only (Detector) 86547-1-PBS (250059C12). 100 µg. Concentration 1 mg/mL.

Unconjugated rabbit recombinant monoclonal antibody pair in PBS only 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.

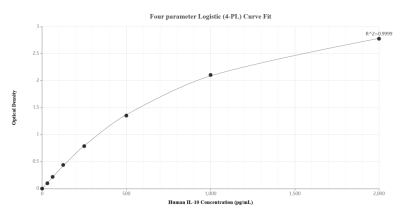
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

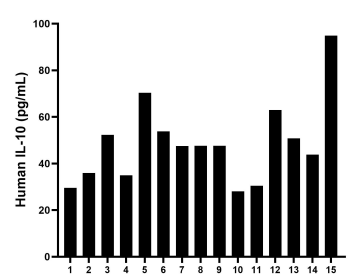
Storage

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

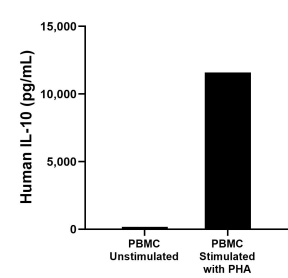
Selected Validation Data



Sandwich ELISA standard curve of MP02490-1, Human IL-10 Recombinant Matched Antibody Pair - PBS only. 86547-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg3296. 86547-1-PBS was HRP conjugated as the detection antibody. Range: 31.3-2000 pg/mL.



Plasma of fifteen individual healthy human donors was measured. The IL-10 concentration of detected samples was determined to be 48.7 pg/mL with a range of 28.0-94.9 pg/mL.



Human peripheral blood mononuclear cells (PBMC) were cultured unstimulated or stimulated with 10 μ g/mL PHA for 3 days. The mean IL-10 concentration was determined to be 169.2 pg/mL in unstimulated PBMC supernatant, 11,597.9 pg/mL in PHA stimulated PBMC supernatant.