

IL-3 Monoclonal Matched Antibody Pair, PBS Only

Catalog Number: **MP50003-1**

Capture Antibody Information

Catalog Number:
68663-1-PBS
Host:
Mouse
Isotype:
IgG1
Purification Method:
Protein G purification

Clone ID:
2A2A2
Reactivity:
human
GenBank:
Immunogen Catalog Number:
HZ-1074

Conjugate:
Unconjugated
Full name:
interleukin 3 (colony-stimulating factor, multiple)
Gene ID:
3562

Detection Antibody Information

Catalog Number:
68663-2-PBS
Host:
Mouse
Isotype:
IgG1
Purification Method:
Protein G purification

Clone ID:
2B9C5
Reactivity:
human
GenBank:
Immunogen Catalog Number:
HZ-1074

Conjugate:
Unconjugated
Full name:
interleukin 3 (colony-stimulating factor, multiple)
Gene ID:
3562

Applications

Tested Applications:
Sandwich ELISA

Range:
7.8-500 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

MP50003-1 targets IL-3 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: IL-3 Monoclonal antibody, PBS Only (Capture) 68663-1-PBS (2A2A2). 100 µg. Concentration 1 mg/mL.

Detection antibody: IL-3 Monoclonal antibody, PBS Only (Detector) 68663-2-PBS (2B9C5). 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.

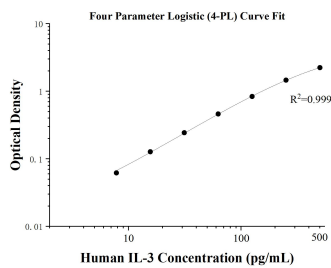
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

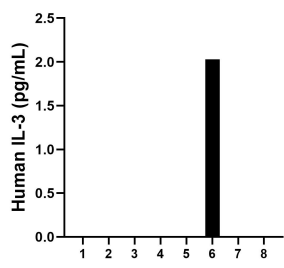
Storage

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

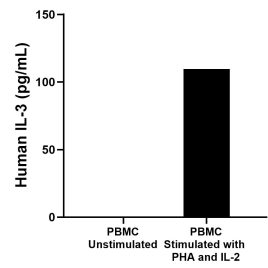
Selected Validation Data



Sandwich ELISA standard curve of MP50003-1, IL-3 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 68663-1-PBS. Detection antibody: 68663-2-PBS. Standard: HZ-1074. Range: 7.8-500 pg/mL.



Serum of eight individual healthy human donors was measured. All samples measured less than the lowest human IL-3 standard, 7.8 pg/mL.



Human peripheral blood mononuclear cells (PBMC) were cultured unstimulated or stimulated with 10 μ g/mL PHA and 10 ng/mL IL-2 for 1 day. The mean IL-3 concentration was undetectable in unstimulated PBMC supernatant, 109.7 pg/mL in stimulated PBMC supernatant.