

IL17A Monoclonal Matched Antibody Pair, PBS Only

Catalog Number:MP50004-1

Capture Antibody Information

Catalog Number:
69021-2-PBS
Host:
Mouse
Isotype:
IgG1
Purification Method:
Protein G purification

Clone ID:
1E3H1
Reactivity:
human
GenBank:
Immunogen Catalog Number:
HZ-1113

Conjugate:
Unconjugated
Full name:
interleukin 17A
Gene ID:
3605

Detection Antibody Information

Catalog Number:
69021-1-PBS
Host:
Mouse
Isotype:
IgG1
Purification Method:
Protein G purification

Clone ID:
1F3E3
Reactivity:
human
GenBank:
Immunogen Catalog Number:
HZ-1113

Conjugate:
Unconjugated
Full name:
interleukin 17A
Gene ID:
3605

Applications

Tested Applications:
Sandwich ELISA

Range:
31.25-2000 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

MP50004-1 targets IL17A in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: IL-17A Monoclonal antibody, PBS Only (Capture) 69021-2-PBS (1E3H1). 100 µg. Concentration 1 mg/mL.

Detection antibody: NeutraKine® IL-17A Monoclonal antibody, PBS Only (Detector) 69021-1-PBS (1F3E3). 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.

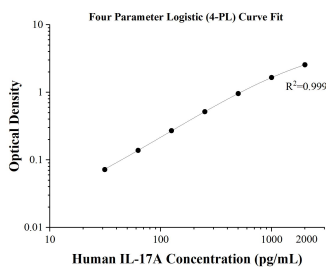
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

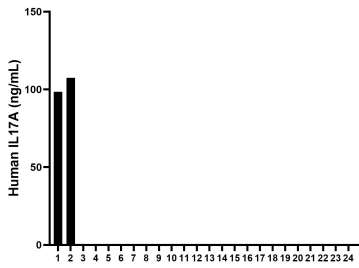
Storage

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

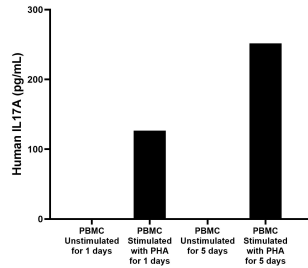
Selected Validation Data



Sandwich ELISA standard curve of MP50004-1, IL17A Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 69021-2-PBS. Detection antibody: 69021-1-PBS. Standard: HZ-1113. Range: 31.25-2000 pg/mL



Twenty-four serum samples from volunteers were evaluated for human IL-17A in this assay. twenty-two samples measured less than the lowest standard, 31.25 pg/mL. Two samples measured 98.5 pg/mL and 107.5 pg/mL respectively. No medical histories were available for the donors used in this study.



Human peripheral blood mononuclear cells (PBMC) were cultured unstimulated or stimulated with 10 μ g/mL PHA for 3 days or 5 days. The mean IL17A concentration was undetected in unstimulated PBMC supernatant, 126.6 pg/mL in PBMC supernatant stimulated with PHA for 1 day and 251.8 pg/mL in PBMC supernatant stimulated with PHA for 5 days.