

IL-16 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP02772-1**

Capture Antibody Information

Catalog Number:
86927-2-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
251661G11

Reactivity:
human

GenBank:
AAC12732.1

Immunogen Catalog Number:
Eg4831

Conjugate:
Unconjugated

Full name:
interleukin 16 (lymphocyte chemoattractant factor)

Gene ID:
3603

Detection Antibody Information

Catalog Number:
86927-1-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
251661B4

Reactivity:
human

GenBank:
AAC12732.1

Immunogen Catalog Number:
Eg4831

Conjugate:
Unconjugated

Full name:
interleukin 16 (lymphocyte chemoattractant factor)

Gene ID:
3603

Applications

Tested Applications:
Cytometric bead array

Range:
0.781-100 ng/mL (Cytometric Bead Array)

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

Product Information

MP02772-1 targets IL-16 in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: IL-16 Recombinant monoclonal antibody, PBS Only (Capture) 86927-2-PBS (251661G11). 100 µg. Concentration 1 mg/mL.

Detection antibody: IL-16 Recombinant monoclonal antibody, PBS Only (Detector) 86927-1-PBS (251661B4). 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.

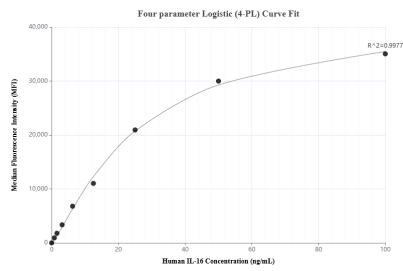
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

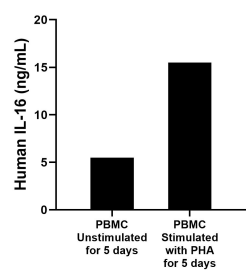
Storage

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



Cytometric bead array standard curve of MP02772-1, IL-16 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 86927-2-PBS. Detection antibody: 86927-1-PBS. Standard: Eg4831. Range: 0.781-100 ng/mL.



Human peripheral blood mononuclear cells (PBMC) were cultured unstimulated or stimulated with 10 μ g/mL PHA for 5 days. The mean IL-16 concentration was determined to be 5.5 ng/mL in unstimulated PBMC supernatant, 15.5 ng/mL in PHA stimulated PBMC supernatant.