

FCGR3B/CD16b Monoclonal Matched Antibody Pair, PBS Only

Catalog Number: **MP50059-1**

Capture Antibody Information

Catalog Number:
68677-1-PBS

Host:
Mouse

Isotype:
IgG2a

Purification Method:
Protein A purification

Clone ID:
3C4G3

Reactivity:
human

Immunogen Catalog Number:
Eg0308

Conjugate:
Unconjugated

Full name:
Fc fragment of IgG, low affinity IIIb, receptor (CD16b)

Gene ID:
2215

Detection Antibody Information

Catalog Number:
68677-2-PBS

Host:
Mouse

Isotype:
IgG2a

Purification Method:
Protein A purification

Clone ID:
4E7D3

Reactivity:
human

GenBank:
NM_000570

Immunogen Catalog Number:
Eg0308

Conjugate:
Unconjugated

Full name:
Fc fragment of IgG, low affinity IIIb, receptor (CD16b)

Gene ID:
2215

Applications

Tested Applications:
Sandwich ELISA

Range:
0.39-25 ng/mL (Sandwich ELISA)

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

Product Information

MP50059-1 targets FCGR3B/CD16b in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: FCGR3B/CD16b Monoclonal antibody, PBS Only (Capture) 68677-1-PBS (3C4G3). 100 µg. Concentration 1 mg/mL.

Detection antibody: FCGR3B/CD16b Monoclonal antibody, PBS Only (Capture/Detector) 68677-2-PBS (4E7D3). 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.

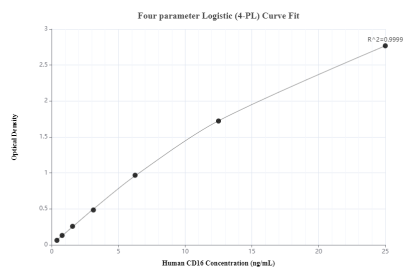
Antibody use should be optimized for each application and assay.

Storage

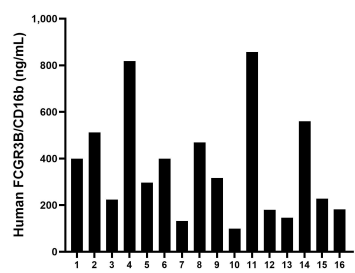
Storage:
Store at -80°C.

Storage buffer:
PBS only

Selected Validation Data



Sandwich ELISA standard curve of MP50059-1, FCGR3B Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 68677-1-PBS. Detection antibody: 68677-2-PBS. Standard: Eg0308. Range: 0.39-25 ng/mL.



Serum of sixteen individual healthy human donors was measured. The FCGR3B/CD16b concentration of detected samples was determined to be 363.71 ng/mL with a range of 99.26-857.41 ng/mL.