

CD134/OX40 Recombinant Matched Antibody Pair, PBS Only

Catalog Number:MP01138-2

Capture Antibody Information

Catalog Number:
84247-2-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
241398D11

Reactivity:
human

GenBank:
NM_003327

Conjugate:
Unconjugated

Full name:
tumor necrosis factor receptor superfamily, member 4

Gene ID:
7293

Detection Antibody Information

Catalog Number:
84247-1-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
241398C10

Reactivity:
human

GenBank:
NM_003327

Conjugate:
Unconjugated

Full name:
tumor necrosis factor receptor superfamily, member 4

Gene ID:
7293

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA

Range:
0.313-40 ng/mL (Cytometric Bead Array)
78.1-5000 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

MP01138-2 targets CD134/OX40 in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: OX40/TNFRSF4 Recombinant antibody, PBS Only (Capture) 84247-2-PBS (241398D11). 100 µg. Concentration 1 mg/mL.

Detection antibody: OX40/TNFRSF4 Recombinant antibody, PBS Only (Capture/Detector) 84247-1-PBS (241398C10). 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.

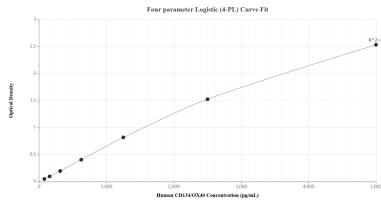
Storage

Storage:
Store at -80°C.

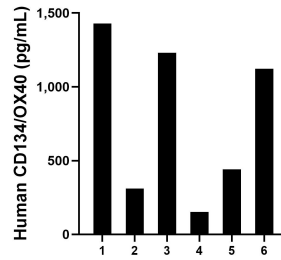
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage buffer:
PBS only

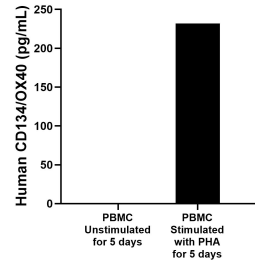
Selected Validation Data



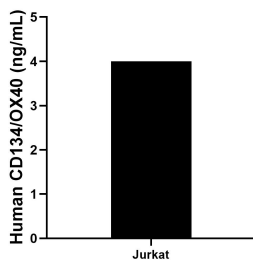
Sandwich ELISA standard curve of MP01138-2, Human CD134/OX40 Recombinant Matched Antibody Pair - PBS only. 84247-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg1261. 84247-1-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL



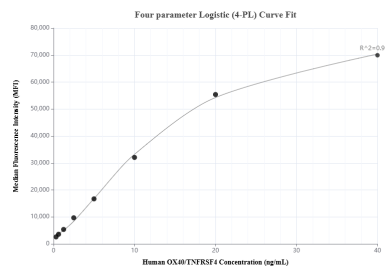
Serum of six individual healthy human donors was measured. The CD134/OX40 concentration of detected samples was determined to be 780.8 pg/mL with a range of 152.2-1,428.1 pg/mL



Human peripheral blood mononuclear cells (PBMC) were cultured unstimulated or stimulated with 10 μ g/mL PHA for 5 days. The mean CD134/OX40 concentration was not determined in unstimulated PBMC supernatant, 232.1 pg/mL in PHA stimulated PBMC supernatant.



The mean CD134/OX40 concentration was determined to be 4.0 ng/mL in Jurkat cell extract based on a 1.5 mg/mL extract load.



Cytometric bead array standard curve of MP01138-2, CD134/OX40 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84247-2-PBS. Detection antibody: 84247-1-PBS. Standard: Eg1261. Range: 0.313-40 ng/mL