

For Research Use Only

CD6 Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP01358-2

Capture Antibody Information

Catalog Number:
84508-1-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
241965G6

Reactivity:
human

Conjugate:
Unconjugated

Full name:
CD6 molecule

Gene ID:
923

Detection Antibody Information

Catalog Number:
84508-2-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
241965B11

Reactivity:
human

GenBank:
BC033755

Conjugate:
Unconjugated

Full name:
CD6 molecule

Gene ID:
923

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA

Range:
0.781-100 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

MP01358-2 targets CD6 in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: CD6 Recombinant antibody, PBS Only (Capture) 84508-1-PBS (241965G6). 100 µg. Concentration 1 mg/mL.

Detection antibody: CD6 Recombinant antibody, PBS Only (Detector) 84508-2-PBS (241965B11). 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.
Storage buffer:
PBS only

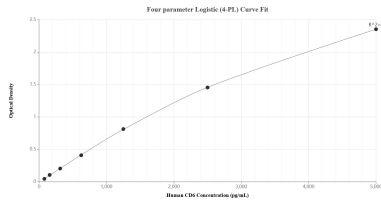
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

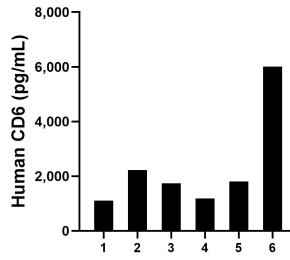
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

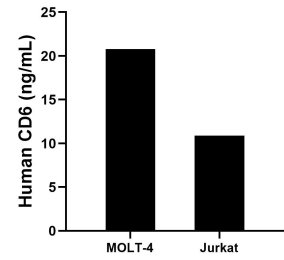
Selected Validation Data



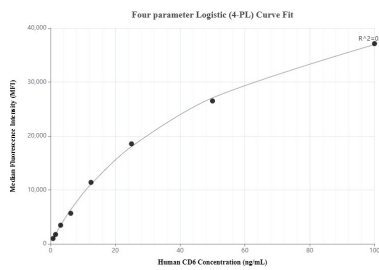
Sandwich ELISA standard curve of MP01358-2, Human CD6 Recombinant Matched Antibody Pair - PBS only. 84508-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg2079. 84508-2-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL



Serum of six individual healthy human donors was measured. The CD6 concentration of detected samples was determined to be 2,345.6 pg/mL with a range of 1,106.3-6,008.2 pg/mL



The mean CD6 concentration was determined to be 20.8 ng/mL in MOLT-4 cell extract based on a 1.2 mg/mL extract load and 10.9 ng/mL in Jurkat cell extract based on a 4.2 mg/mL extract load.



Cytometric bead array standard curve of MP01358-2, CD6 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84508-1-PBS. Detection antibody: 84508-2-PBS. Standard: Eg2079. Range: 0.781-100 ng/mL