

For Research Use Only

CD24 Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP03190-1

Capture Antibody Information

Catalog Number:
86730-9-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
251783E6

Reactivity:
human

Conjugate:
Unconjugated

Full name:
CD24 molecule

Gene ID:
100133941

Detection Antibody Information

Catalog Number:
86730-8-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
251783E2

Reactivity:
human

GenBank:
BC007674

Conjugate:
Unconjugated

Full name:
CD24 molecule

Gene ID:
100133941

Applications

Tested Applications:
Sandwich ELISA

Range:
0.156-10 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

MP03190-1 targets CD24 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: CD24 Recombinant monoclonal antibody, PBS Only (Capture) 86730-9-PBS (251783E6). 100 µg. Concentration 1 mg/mL.

Detection antibody: CD24 Recombinant monoclonal antibody, PBS Only (Detector) 86730-8-PBS (251783E2). 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

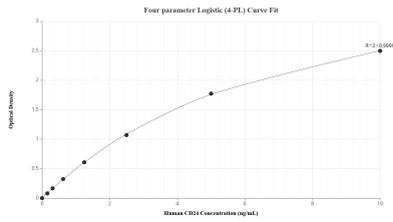
For technical support and original validation data for this product please contact:

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

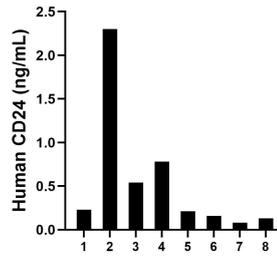
E: proteintech@ptglab.com
W: ptglab.com

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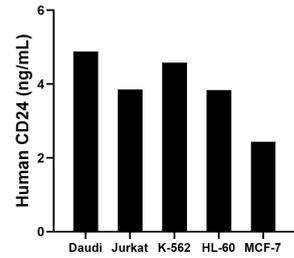
Selected Validation Data



Sandwich ELISA standard curve of MP03190-1, Human CD24 Recombinant Matched Antibody Pair - PBS only. 86730-9-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag0654. 86730-8-PBS was HRP conjugated as the detection antibody. Range: 0.156-10 ng/mL



Plasma of eight individual healthy human donors was measured. The CD24 concentration of detected samples was determined to be 0.55 ng/mL with a range of 0.08-2.30 ng/mL.



The mean CD24 concentration was determined to be 4.88 ng/mL in Daudi cell extract based on a 1.10 mg/mL extract load, 3.85 ng/mL in Jurkat cell extract based on a 1.20 mg/mL extract load, 4.58 ng/mL in K-562 cell extract based on a 1.20 mg/mL extract load, 3.84 ng/mL in HL-60 cell extract based on a 1.20 mg/mL extract load and 2.44 ng/mL in MCF-7 cell extract based on a 1.20 mg/mL extract load.