

For Research Use Only

CD151 Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP03215-1

Capture Antibody Information

Catalog Number:
85385-4-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
252763H7
Reactivity:
human
GenBank:
NM_004357.5
Immunogen Catalog Number:
Eg3476

Conjugate:
Unconjugated
Full name:
CD151 molecule (Raph blood group)
Gene ID:
977

Detection Antibody Information

Catalog Number:
85385-3-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
252763G12
Reactivity:
human
GenBank:
NM_004357.5
Immunogen Catalog Number:
Eg3476

Conjugate:
Unconjugated
Full name:
CD151 molecule (Raph blood group)
Gene ID:
977

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

MP03215-1 targets CD151 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: CD151 Recombinant monoclonal antibody, PBS Only (Capture) 85385-4-PBS (252763H7). 100 μ g. Concentration 1 mg/mL.

Detection antibody: CD151 Recombinant monoclonal antibody, PBS Only (Detector) 85385-3-PBS (252763G12). 100 μ g. 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

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

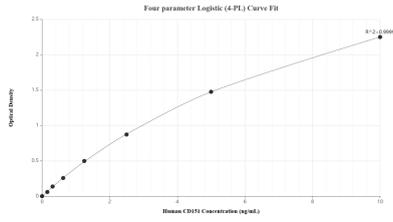
T: 4006900926

E: Proteintech-CN@ptglab.com

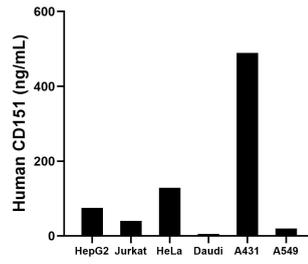
W: ptgcn.com

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 MP03215-1, Human CD151 Recombinant Matched Antibody Pair - PBS only. 85385-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg3476. 85385-3-PBS was HRP conjugated as the detection antibody. Range: 0.156-10 ng/mL.



The mean CD151 concentration was determined to be 75.35 ng/mL in HepG2 cell extract based on a 1.20 mg/mL extract load, 40.21 ng/mL in Jurkat cell extract based on a 1.20 mg/mL extract load, 128.99 ng/mL in HeLa cell extract based on a 1.20 mg/mL extract load, 6.04 ng/mL in Daudi cell extract based on a 1.10 mg/mL extract load, 489.64 ng/mL in A431 cell extract based on a 1.50 mg/mL extract load and 19.76 ng/mL in A549 cell extract based on a 1.20 mg/mL extract

