

For Research Use Only

CD133 Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP03194-1

Capture Antibody Information

Catalog Number:
87640-4-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
253087A9

Reactivity:
human

GenBank:
NM_006017

Immunogen Catalog Number:
Eg3738

Conjugate:
Unconjugated

Full name:
prominin 1

Gene ID:
8842

Detection Antibody Information

Catalog Number:
87640-3-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
253087F9

Reactivity:
human

GenBank:
NM_006017

Immunogen Catalog Number:
Eg3738

Conjugate:
Unconjugated

Full name:
prominin 1

Gene ID:
8842

Applications

Tested Applications:
Sandwich ELISA

Range:
39.1-2500 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

MP03194-1 targets CD133 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: CD133 Recombinant monoclonal antibody, PBS Only (Capture) 87640-4-PBS (253087A9). 100 μ g. Concentration 1 mg/mL.

Detection antibody: CD133 Recombinant monoclonal antibody, PBS Only (Detector) 87640-3-PBS (253087F9). 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:

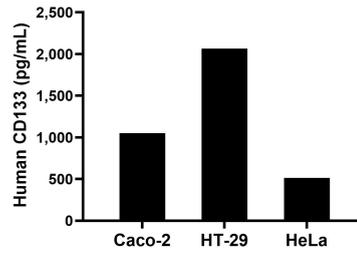
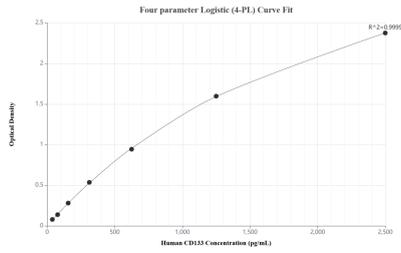
T: 4006900926

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 MP03194-1, Human CD133 Recombinant Matched Antibody Pair - PBS only. 87640-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg3738. 87640-3-PBS was HRP conjugated as the detection antibody. Range: 39.1-2500 pg/mL

The mean CD133 concentration was determined to be 1,052.2 pg/mL in Caco-2 cell extract based on a 1.3 mg/mL extract load, 2,066.1 pg/mL in HT-29 cell extract based on a 1.1 mg/mL extract load and 514.9 pg/mL in HeLa cell extract based on a 1.2 mg/mL extract load.