

For Research Use Only

DFNA5 Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP00455-2

Capture Antibody Information

Catalog Number:
83454-1-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
240394B3
Reactivity:
human
GenBank:
BC019689
Immunogen Catalog Number:
Ag3746

Conjugate:
Unconjugated
Full name:
deafness, autosomal dominant 5
Gene ID:
1687

Detection Antibody Information

Catalog Number:
83454-4-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
240394E11
Reactivity:
human
GenBank:
BC019689
Immunogen Catalog Number:
Ag3746

Conjugate:
Unconjugated
Full name:
deafness, autosomal dominant 5
Gene ID:
1687

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA

Range:
0.78-100 ng/mL (Cytometric Bead Array)
1.88-120 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

MP00455-2 targets DFNA5 in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: DFNA5 Recombinant antibody, PBS Only (Capture) 83454-1-PBS (240394B3). 100 µg. Concentration 1 mg/ml.

Detection antibody: DFNA5 Recombinant antibody, PBS Only (Detector) 83454-4-PBS (240394E11). 100 µg. Concentration 1 mg/ml.

Alternative DFNA5 matched antibody pairs: MP00455-1, MP00455-3

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:

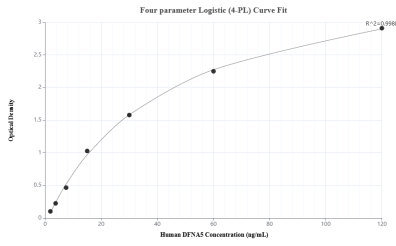
T: 4006900926

E: Proteintech-CN@ptglab.com

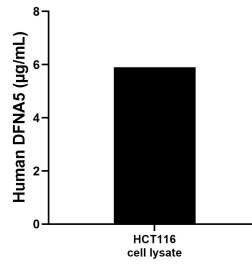
W: ptgcn.com

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

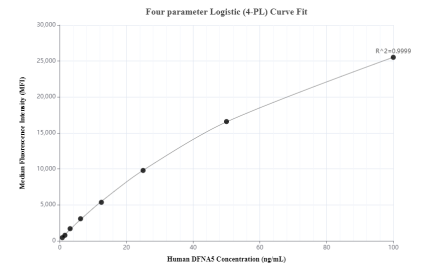
Selected Validation Data



Sandwich ELISA standard curve of MP00455-2, Human DFNA5 Recombinant Matched Antibody Pair - PBS only. 83454-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag3746. 83454-4-PBS was HRP conjugated as the detection antibody. Range: 1.88-120 ng/mL



HCT116 cell lysate was measured. The human DFNA5 concentration of detected samples was determined to be 5.90 µg/mL (based on a 4.3 mg/mL extract load).



Cytometric bead array standard curve of MP00455-2, DFNA5 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83454-1-PBS. Detection antibody: 83454-4-PBS. Standard: Ag3746. Range: 0.78-100 ng/mL