

Neurogranin Recombinant Matched Antibody Pair, PBS Only

Catalog Number:MP00606-1

Capture Antibody Information

Catalog Number:
83593-4-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
240526G1

Reactivity:
human

GenBank:
BC002835

Immunogen Catalog Number:
Ag0676

Conjugate:
Unconjugated

Full name:
neurogranin (protein kinase C substrate, RC3)

Gene ID:
4900

Detection Antibody Information

Catalog Number:
83593-1-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
240526E12

Reactivity:
human

GenBank:
BC002835

Immunogen Catalog Number:
Ag0676

Conjugate:
Unconjugated

Full name:
neurogranin (protein kinase C substrate, RC3)

Gene ID:
4900

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA

Range:
0.156-20 ng/mL (Cytometric Bead Array)
19.5-1250 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

MP00606-1 targets Neurogranin in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: Neurogranin Recombinant antibody, PBS Only (Capture) 83593-4-PBS (240526G1). 100 µg. Concentration 1 mg/mL.

Detection antibody: Neurogranin Recombinant antibody, PBS Only (Detector) 83593-1-PBS (240526E12). 100 µg. Concentration 1 mg/mL.

Alternative Neurogranin matched antibody pairs: MP00606-2

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.

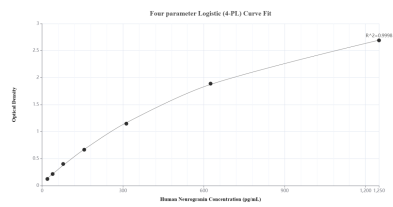
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

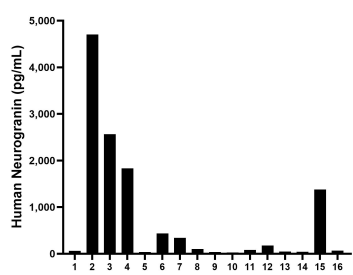
Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage buffer:
PBS only

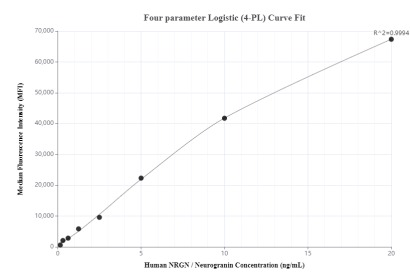
Selected Validation Data



Sandwich ELISA standard curve of MP00606-1, Human Neurogranin Recombinant Matched Antibody Pair - PBS only. 83593-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag0676. 83593-1-PBS was HRP conjugated as the detection antibody. Range: 19.5-1250 pg/mL



Plasma of sixteen individual healthy human donors was measured. The Neurogranin concentration of detected samples was determined to be 746.0 pg/mL with a range of 29.2-4,704.6 pg/mL



Cytometric bead array standard curve of MP00606-1, NRG1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83593-4-PBS. Detection antibody: 83593-1-PBS. Standard: Ag0676. Range: 0.156-20 ng/mL