For Research Use Only

OPRM1 Recombinant Matched Antibody Pair, PBS Only

Catalog Number:MP00271-3

proteintech®
Antibodies | ELISA kits | Proteins
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Capture Antibody Information

Catalog Number:
83120-8-PBS

Clone ID:
261116A11

Conjugate:
Unconjugated

Host:
Rabbit

Reactivity:
human

Full name:
opioid receptor, mu 1

Isotype:
IgG

GenBank:
NM_000914.5

Gene ID:
4988

Purification Method:
Protein A purification

Immunogen Catalog Number:
Eg9637

Detection Antibody Information

Catalog Number:
83120-7-PBS

Clone ID:
261116C3

Conjugate:
Unconjugated

Host:
Rabbit

Reactivity:
human

Full name:
opioid receptor, mu 1

Isotype:
IgG

GenBank:
NM_000914.5

Gene ID:
4988

Purification Method:
Protein A purification

Immunogen Catalog Number:
Eg9637

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

MP00271-3 targets OPRM1 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: OPRM1 Recombinant monoclonal antibody, PBS Only (Capture) 83120-8-PBS (261116A11). 100 μg. Concentration 1 mg/ml.

Detection antibody: OPRM1 Recombinant monoclonal antibody, PBS Only (Detector) 83120-7-PBS (261116C3). 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.

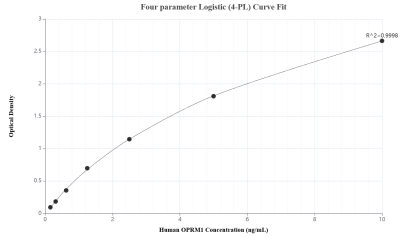
Storage

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

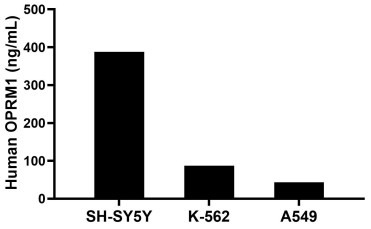
For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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 MP00271-3, Human OPRM1 Recombinant Matched Antibody Pair - PBS only. 83120-8-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg9637. 83120-7-PBS was HRP conjugated as the detection antibody. Range: 0.156-10 ng/mL.



The mean OPRM1 concentration was determined to be 387.60 ng/mL in SH-SY5Y cell extract based on a 1.20 mg/mL extract load, 87.20 ng/mL in K-562 cell extract based on a 1.20 mg/mL extract load and 43.50 ng/mL in A549 cell extract based on a 1.20 mg/mL extract load.