For Research Use Only

OPRM1 Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number:83120-7-PBS

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Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
83120-7-PBS

Size:
100ug , Concentration: 1 mg/ml by Nanodrop;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
EG9637

GenBank Accession Number:
NM_000914.5

GeneID (NCBI):
4988

UNIPROT ID:
P35372-1

Full Name:
opioid receptor, mu 1

Calculated MW:
45 kDa

Purification Method:
Protein A purification

CloneNo.:
261116C3

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA

Species Specificity:
human

Product Information

83120-7-PBS targets OPRM1 as part of a matched antibody pair:

MP00271-3: 83120-8-PBS capture and 83120-7-PBS detection (validated in Sandwich ELISA)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) 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.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications.Antibody use should be optimized by the end user for each application and assay.

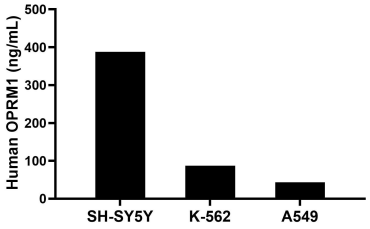
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

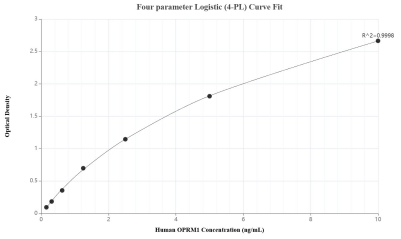
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



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.



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.