

PDE10A Recombinant Matched Antibody Pair, PBS Only

Catalog Number: MP01645-2

Capture Antibody Information

Catalog Number: 84869-2-PBS	Clone ID: 242357E5	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: phosphodiesterase 10A
Isotype: IgG	GenBank: BC104860	Gene ID: 10846
Purification Method: Protein A purification	Immunogen Catalog Number: Ag12771	

Detection Antibody Information

Catalog Number: 84869-1-PBS	Clone ID: 242357E12	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human, mouse, rat	Full name: phosphodiesterase 10A
Isotype: IgG	GenBank: BC104860	Gene ID: 10846
Purification Method: Protein A purification	Immunogen Catalog Number: Ag12771	

Applications

Tested Applications: Cytometric bead array, Sandwich ELISA	Range: 0.781-100 ng/mL (Cytometric Bead Array) 0.781-50 ng/mL (Sandwich ELISA)	Recommended Dilutions: It is recommended that this reagent should be titrated in each testing system to obtain optimal results.
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Product Information

MP01645-2 targets PDE10A in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: PDE10A Recombinant antibody, PBS Only (Capture) 84869-2-PBS (242357E5). 100 µg. Concentration 1 mg/mL.

Detection antibody: PDE10A Recombinant antibody, PBS Only (Capture/Detector) 84869-1-PBS (242357E12). 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.

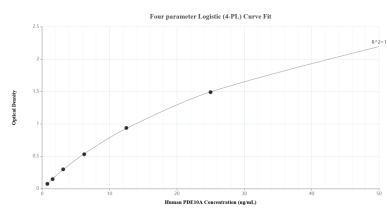
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

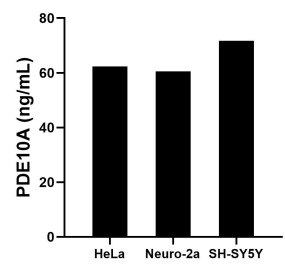
Storage

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

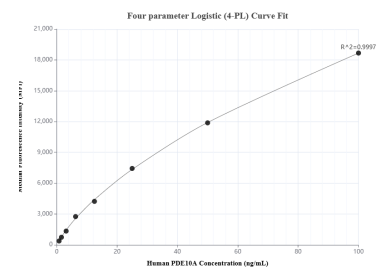
Selected Validation Data



Sandwich ELISA standard curve of MP01645-2, Human PDE10A Recombinant Matched Antibody Pair - PBS only. 84869-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag12771. 84869-1-PBS was HRP conjugated as the detection antibody. Range: 0.781-50 ng/mL.



The mean PDE10A concentration was determined to be 62.34 ng/mL in HeLa cell extract based on a 1.00 mg/mL extract load, 60.49 ng/mL in Neuro-2a cell extract based on a 1.50 mg/mL extract load and 71.70 ng/mL in SH-SY5Y cell extract based on a 1.00 mg/mL extract load.



Cytometric bead array standard curve of MP01645-2, PDE10A Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84869-2-PBS. Detection antibody: 84869-1-PBS. Standard: Ag12771. Range: 0.781-100 ng/mL.