

PDE10A Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP01645-2**

Capture Antibody Information

Catalog Number:
84869-2-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
242357E5

Reactivity:
human

Immunogen Catalog Number:
Ag12771

Conjugate:
Unconjugated

Full name:
phosphodiesterase 10A

Gene ID:
10846

Detection Antibody Information

Catalog Number:
84869-1-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
242357E12

Reactivity:
human, mouse, rat

GenBank:
BC104860

Immunogen Catalog Number:
Ag12771

Conjugate:
Unconjugated

Full name:
phosphodiesterase 10A

Gene ID:
10846

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.

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.

Storage buffer:
PBS only

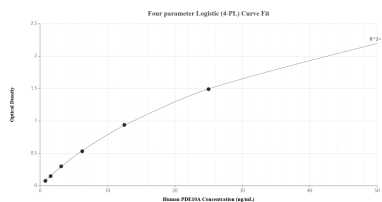
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA)

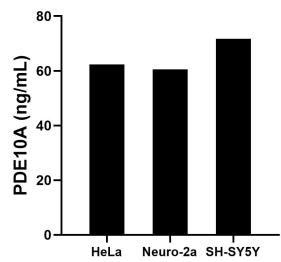
E: proteintech@ptglab.com
W: ptglab.com

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

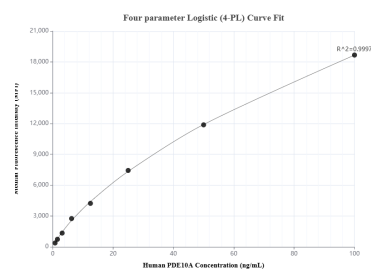
Selected Validation Data



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.