For Research Use Only

DRD2 Recombinant Matched Antibody Pair, PBS Only

Catalog Number:MP03587-1

proteintech®
Antibodies | ELISA kits | Proteins
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Capture Antibody Information

Catalog Number:
88509-3-PBS

Clone ID:
261031E7

Conjugate:
Unconjugated

Host:
Rabbit

Reactivity:
human

Full name:
dopamine receptor D2

Isotype:
IgG

GenBank:
NM_016574

Gene ID:
1813

Purification Method:
Protein A purification

Detection Antibody Information

Catalog Number:
88509-2-PBS

Clone ID:
261031E11

Conjugate:
Unconjugated

Host:
Rabbit

Reactivity:
human

Full name:
dopamine receptor D2

Isotype:
IgG

GenBank:
NM_016574

Gene ID:
1813

Purification Method:
Protein A purification

Applications

Tested Applications:
Cytometric bead array

Range:
3.9-500 pg/mL (Cytometric Bead Array)

Recommended Dilutions:
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

Product Information

MP03587-1 targets DRD2 in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: DRD2 Recombinant monoclonal antibody, PBS Only (Capture) 88509-3-PBS (261031E7). 100 μg. Concentration 1 mg/ml.

Detection antibody: DRD2 Recombinant monoclonal antibody, PBS Only (Detector) 88509-2-PBS (261031E11). 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.

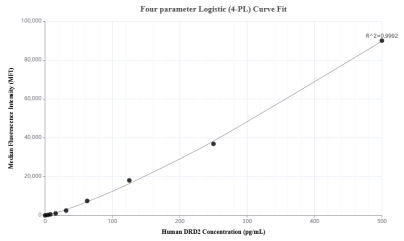
Storage

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

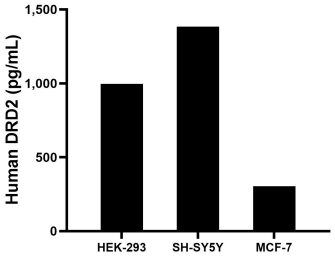
For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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

Selected Validation Data



Cytometric bead array standard curve of MP03587-1, DRD2 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 88509-3-PBS. Detection antibody: 88509-2-PBS. Standard: SY01044. Range: 3.9-500 pg/mL.



The mean DRD2 concentration was determined to be 996.5 pg/mL in HEK-293 cell extract based on a 1.2 mg/mL extract load, 1383.4 pg/mL in SH-SY5Y cell extract based on a 1.2 mg/mL extract load, 303.2 pg/mL in MCF-7 cell extract based on a 1.2 mg/mL extract load.