For Research Use Only

# DRD2 Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number:88509-3-PBS

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Antibodies | ELISA kits | Proteins
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## Basic Information

Catalog Number:
88509-3-PBS

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

Source:
Rabbit

Isotype:
IgG

GenBank Accession Number:
NM_016574

GeneID (NCBI):
1813

UNIPROT ID:
P14416

Full Name:
dopamine receptor D2

Calculated MW:
51 kDa

Purification Method:
Protein A purification

CloneNo.:
261031E7

## Applications

Tested Applications:
Cytometric bead array, Indirect ELISA

Species Specificity:
human

## Product Information

88509-3-PBS targets DRD2 as part of a matched antibody pair:

MP03587-1: 88509-3-PBS capture and 88509-2-PBS detection (validated in Cytometric bead array)

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.

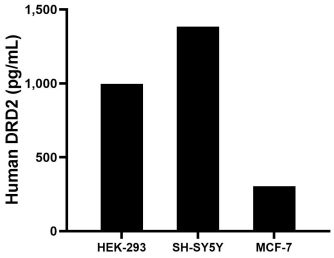
## Storage

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

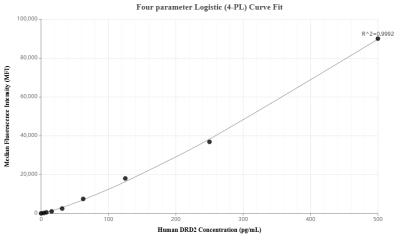
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

## Selected Validation Data




The mean 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.




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.