

For Research Use Only

DRD2 Recombinant monoclonal antibody, PBS Only

Catalog Number: 88509-1-PBS



Basic Information

Catalog Number:

88509-1-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

Observed MW:

50 kDa

Purification Method:

Protein A purification

CloneNo.:

261031C5

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, pig

Background Information

DRD2, also named D2DR and D2R, belongs to the G-protein coupled receptor 1 family. It is one of the five types (D1 to D5) of receptors for dopamine. The activity of DRD2 is mediated by G proteins which inhibit adenylyl cyclase. Defects in DRD2 are associated with dystonia type 11 (DYT11). The antibody is specific to DRD2.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

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

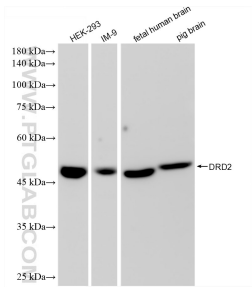
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com

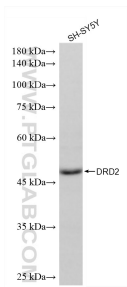
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 88509-1-RR (DRD2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 88509-1-PBS in a different storage buffer formulation.



SH-SY5Y cells were subjected to SDS PAGE followed by western blot with 88509-1-RR (DRD2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 88509-1-PBS in a different storage buffer formulation.