

For Research Use Only

DRD2 Recombinant monoclonal antibody

Catalog Number: 88509-1-RR



Basic Information

Catalog Number: 88509-1-RR	GenBank Accession Number: NM_016574	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 1813	CloneNo.: 261031C5
Source: Rabbit	UNIPROT ID: P14416	Recommended Dilutions: WB: 1:2000-1:10000
Isotype: IgG	Full Name: dopamine receptor D2	
	Calculated MW: 51 kDa	
	Observed MW: 50 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HEK-293 cells, SH-SY5Y cells, IM-9 cells, Fetal human brain tissue, Pig brain tissue
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

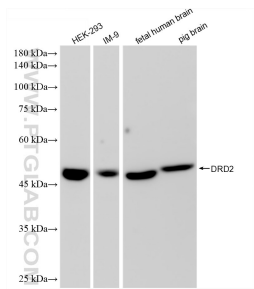
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

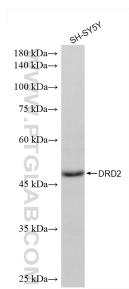
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.



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.