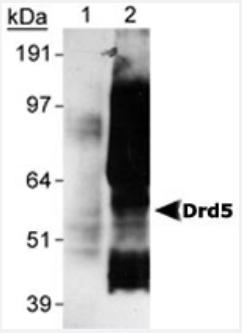
Drd5 monoclonal antibody, clone SG4-D1b

Catalog # MAB2313 Size 100 uL

Applications



Western Blot (Transfected lysate)

Detection of Drd5 of Sf9 cells transfected with rat Drd5 using Drd5 monoclonal antibody, clone SG4-D1b (Cat # MAB2313).
Lane 1 : Sf9-Drd1a lysate.
Lane 2 : Sf9-Drd5 lyate.
Please note that these results are similiar to those shown in J. Neuroimmunol. 101 : 170-187 publication.

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant Drd5.
Immunogen	Recombinant protein corresponding to the C-terminus last 118 amino acids of rat Drd5.
Host	Mouse
Theoretical MW (kDa)	52-64
Reactivity	Rat
Specificity	This antibody reacts with Dopamine Receptor D1B. This antibody is useful for Western Blot analysis, where a band is seen at 52-64 KDa in sf9 cell lysate.
Form	Liquid
Isotype	IgG1, kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Recommend Usage	Western Blot (2 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris-glycine, 150 mM NaCl (0.05% sodium azide)

Storage Instruction	Store at -20°C or -80°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot (Transfected lysate)

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- Immunocytochemistry

- Immunofluorescence

Gene Info — Drd5

Entrez GeneID	25195
Protein Accession#	P25115
Gene Name	Drd5
Gene Alias	-
Gene Description	dopamine receptor D5
Gene Ontology	Hyperlink
Other Designations	dopamine receptor 5

Publication Reference

- Immunoblot and immunohistochemical comparison of murine monoclonal antibodies specific for the rat D1a and D1b dopamine receptor subtypes.

  Luedtke RR, Griffin SA, Conroy SS, Jin X, Pinto A, Sesack SR.

  Journal of Neuroimmunology 1999 Nov; 101(2):170.

  Application: IHC, WB-Tr, Insect, Rat, Sf9 cells, Brain