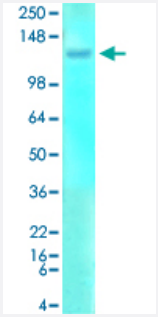
Grm1/Grm5 monoclonal antibody, clone S75-33 (FITC)

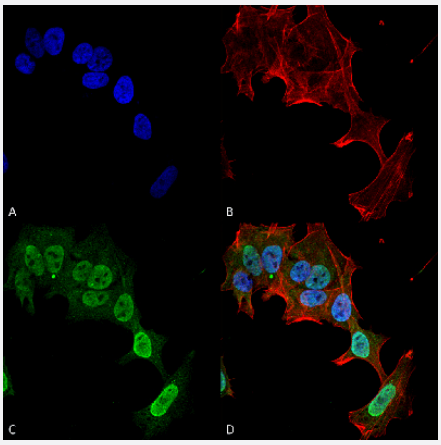
Catalog # MAB16800 Size 100 ug

Applications



Western Blot (Tissue lysate)

Western Blot analysis of rat brain membrane lysate with Grm1/Grm5 monoclonal antibody, clone S75-33 (FITC) (Cat # MAB16800).



Immunocytochemistry

Immunocytochemical staining of SK-N-BE with Grm1/Grm5 monoclonal antibody, clone S75-33 (FITC) (Cat # MAB16800). (A) DAPI (blue) nuclear stain (B) Phalloidin Texas Red F-Actin stain (C) Grm1/Grm5 Antibody and (D) Composite.

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant rat Grm1/Grm5.
Immunogen	Recombinant protein corresponding to amino acids 824-1203 at C-terminus of rat mGluR5b.
Host	Mouse
Reactivity	Human, Rat
Form	Liquid

Conjugation	FITC
Purification	Protein G purification
Isotype	IgG1
Recommend Usage	Immunocytochemistry (1:100) Immunofluorescence (1:100) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:1000) Immunoprecipitation Western Blot (1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (50% glycerol, 0.09% sodium azide).
Storage Instruction	Store at -20°C.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

  Western Blot analysis of rat brain membrane lysate with Grm1/Grm5 monoclonal antibody, clone S75-33 (FITC) (Cat # MAB16800).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

- Immunocytochemistry

  Immunocytochemical staining of SK-N-BE with Grm1/Grm5 monoclonal antibody, clone S75-33 (FITC) (Cat # MAB16800). (A) DAPI (blue) nuclear stain (B) Phalloidin Texas Red F-Actin stain (C) Grm1/Grm5 Antibody and (D) Composite.

- Immunofluorescence

- Immunoprecipitation

Gene Info — Grm1

Entrez GeneID	24414
Protein Accession#	P23385;P31424
Gene Name	Grm1

Gene Alias	Gprc1a
Gene Description	glutamate receptor, metabotropic 1
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	G protein coupled receptor family C group 1 member A

Gene Info — Grm5

Entrez GeneID	24418
Protein Accession#	P23385;P31424
Gene Name	Grm5
Gene Alias	mGluR5, mGlur5
Gene Description	glutamate receptor, metabotropic 5
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	metabotropic glutamate receptor (mGluR5)|metabotropic glutamate receptor 5b

Publication Reference

- Glutamate receptor ion channels.

  Mark L Mayer.

  Current Opinion in Neurobiology 2005 Jun; 15(3):282.

  Application: Flow Cyt, Human, Mammalian cells