

# Product Datasheet

## mGluR5/1a Antibody (S75-33) - BSA Free NBP2-59334

Unit Size: 100 ug

Store at -20C.

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**NBP2-59334**

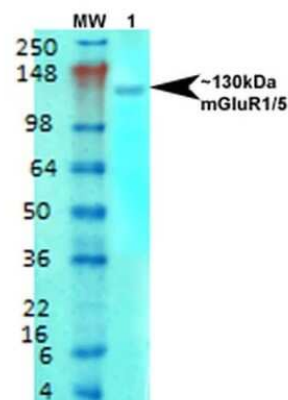
mGluR5/1a Antibody (S75-33) - BSA Free

Product Information	
Unit Size	100 ug
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C.
Clonality	Monoclonal
Clone	S75-33
Preservative	0.09% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS (pH 7.4), 50% Glycerol
Product Description	
Description	Novus Biologicals Mouse mGluR5/1a Antibody (S75-33) - BSA Free (NBP2-59334) is a monoclonal antibody validated for use in IHC, WB, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Species	Human, Mouse, Rat
Specificity/Sensitivity	Detects 130kDa (both mGluR1 and mGluR5).
Immunogen	Fusion protein amino acids 824-1203 (cytoplasmic C-terminus) of rat mGluR5b
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry 1:1000, Immunocytochemistry/ Immunofluorescence 1:100, Immunoprecipitation

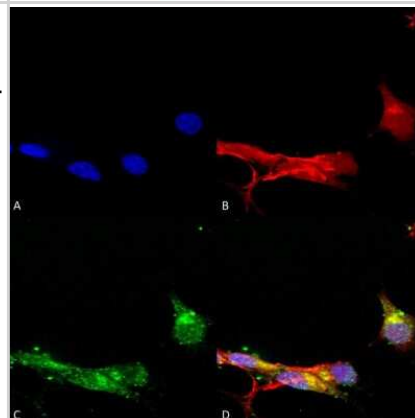


## Images

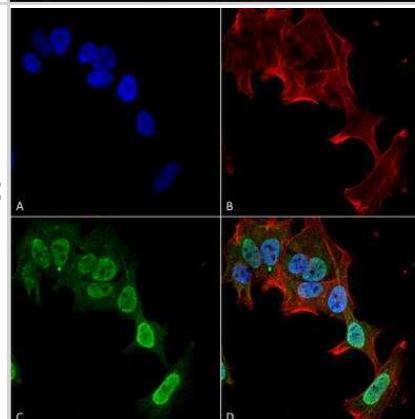
Western Blot: mGluR5/1a Antibody (S75-33) [NBP2-59334] - Western Blot analysis of Rat brain membrane lysate showing detection of mGluR5/1a Glutamate Receptor protein using Mouse Anti-mGluR5/1a Glutamate Receptor Monoclonal Antibody, Clone S75-33 (NBP2-59334). Primary Antibody: Mouse Anti-mGluR5/1a Glutamate Receptor Monoclonal Antibody (NBP2-59334) at 1:1000.



Immunocytochemistry/Immunofluorescence: mGluR5/1a Antibody (S75-33) [NBP2-59334] - Immunocytochemistry/Immunofluorescence analysis using Mouse Anti-mGluR1/5 Monoclonal Antibody, Clone S75-33 (NBP2-59334). Tissue: Neuroblastoma cells (SH-SY5Y). Species: Human. Fixation: 4% PFA for 15 min. Primary Antibody: Mouse Anti-mGluR1/5 Monoclonal Antibody (NBP2-59334) at 1:100 for overnight at 4C with slow rocking. Secondary Antibody: AlexaFluor 488 at 1:1000 for 1 hour at RT. Counterstain: Phalloidin-iFluor 647 (red) F-Actin stain; Hoechst (blue) nuclear stain at 1:800, 1.6mM for 20 min at RT. (A) Hoechst (blue) nuclear stain. (B) Phalloidin-iFluor 647 (red) F-Actin stain. (C) mGluR1/5 Antibody (D) Composite.



Immunocytochemistry/Immunofluorescence: mGluR5/1a Antibody (S75-33) [NBP2-59334] - Tissue: SK-N-BE Cells (Human Neuroblastoma cells). Species: Human. Fixation: 4% Formaldehyde for 15 min at RT. Primary Antibody: Mouse Anti-mGluR1/5 Monoclonal Antibody at 1:100 for 60 min at RT. Secondary Antibody: Goat Anti-Mouse ATTO 488 at 1:200 for 60 min at RT. Counterstain: Phalloidin Texas Red F-Actin stain; DAPI (blue) nuclear stain at 1:1000, 1:5000 for 60 min at RT, 5 min at RT. Localization: Cell Membrane, Cytoplasm, Nucleus. Magnification: 60X.





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### **Products Related to NBP2-59334**

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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