

Product Datasheet

mGluR5/1 Antibody (ST51-00)

NBP2-67508

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-67508

mGluR5/1 Antibody (ST51-00)

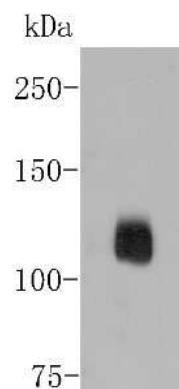
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	ST51-00
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol

Product Description	
Host	Rabbit
Gene Symbol	GRM5
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide within Human mGluR5/1 aa 1,163-1,212 / 1,212. (SwissProt: P41594 Human; SwissProt: Q3UVX5 Mouse; SwissProt: P31424 Rat)

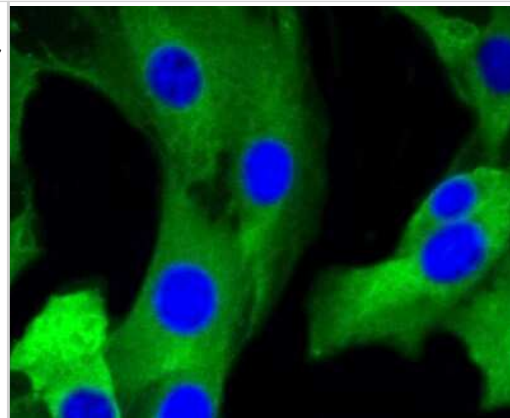
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000-1:2000, Flow Cytometry 1:50-1:100, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunoprecipitation, Immunohistochemistry-Paraffin 1:200-1:500

Images

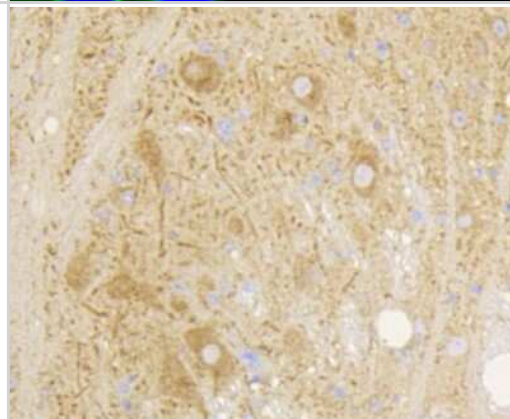
Western Blot: mGluR5/1 Antibody (ST51-00) [NBP2-67508] - Western blot analysis of mGluR5/1 on PC-12 cell lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (1/500) was used in 5% BSA at room temperature for 2 hours. Goat Anti



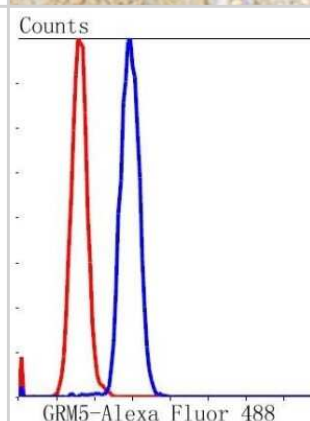
Immunocytochemistry/Immunofluorescence: mGluR5/1 Antibody (ST51-00) [NBP2-67508] - Staining GRM5 in SHG-44 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



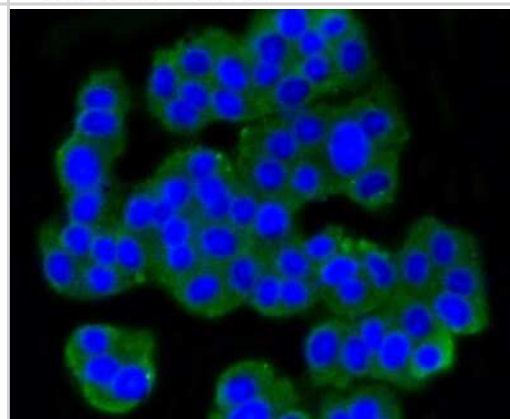
Immunohistochemistry-Paraffin: mGluR5/1 Antibody (ST51-00) [NBP2-67508] - Analysis of paraffin-embedded mouse brain tissue using anti-GRM5 antibody. Counter stained with hematoxylin.



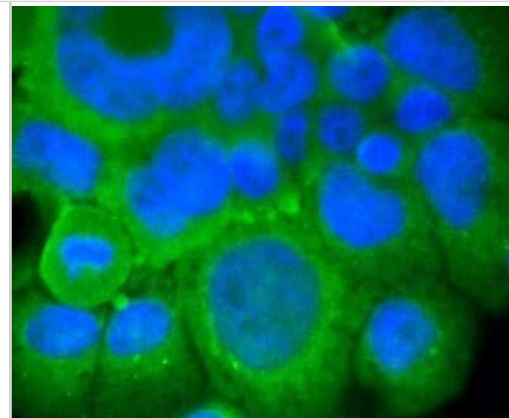
Flow Cytometry: mGluR5/1 Antibody (ST51-00) [NBP2-67508] - Analysis of SH-SY-5Y cells with GRM5 antibody at 1/50 dilution (blue) compared with an unlabelled control (cells without incubation with primary antibody; red). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.



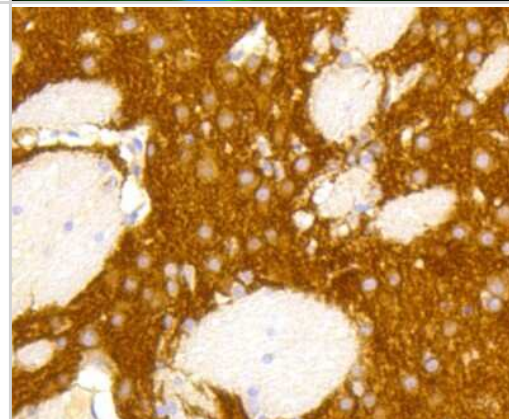
Immunocytochemistry/Immunofluorescence: mGluR5/1 Antibody (ST51-00) [NBP2-67508] - Staining GRM5 in PC12 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Immunocytochemistry/Immunofluorescence: mGluR5/1 Antibody (ST51-00) [NBP2-67508] - Staining GRM5 in JAR cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Immunohistochemistry-Paraffin: mGluR5/1 Antibody (ST51-00) [NBP2-67508] - Analysis of paraffin-embedded rat brain tissue using anti-GRM5 antibody. Counter stained with hematoxylin.





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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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