

# Product Datasheet

## mGluR5 Antibody (ST51-00)

### NBP3-11866-100ul

Unit Size: 100 ul

Store at -20C. Avoid freeze-thaw cycles.

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**NBP3-11866-100ul**

mGluR5 Antibody (ST51-00)

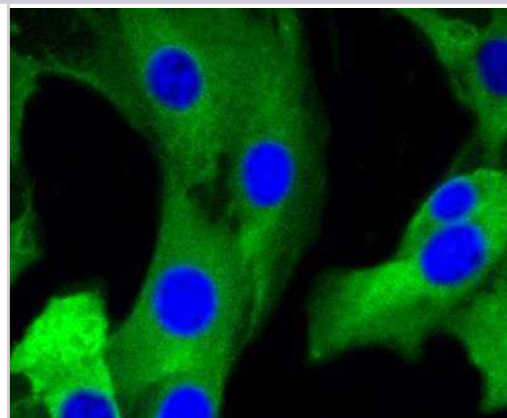
Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	ST51-00
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	10mM PBS (pH 7.4), 150mM sodium chloride, 0.05% BSA, 50% glycerol
Target Molecular Weight	132 kDa

Product Description	
Description	Novus Biologicals Rabbit mGluR5 Antibody (ST51-00) (NBP3-11866) is a recombinant monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	2915
Gene Symbol	GRM5
Species	Human, Mouse, Rat
Immunogen	A synthesized peptide derived from human mGluR5

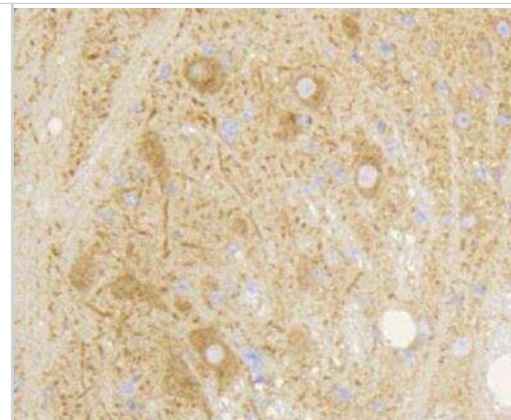
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000 - 1:2000, Flow Cytometry 1:50-1:100, Immunohistochemistry 1:100-1:200, Immunocytochemistry/ Immunofluorescence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

**Images**

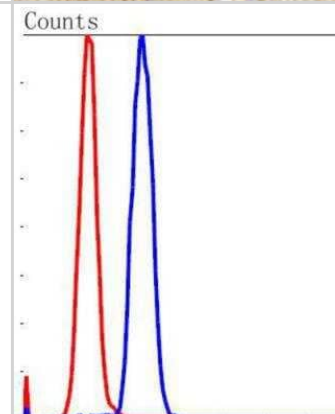
Immunocytochemistry/Immunofluorescence: mGluR5 Antibody (ST51-00) [NBP3-11866] - Immunocytochemistry staining mGluR5 in SHG-44 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



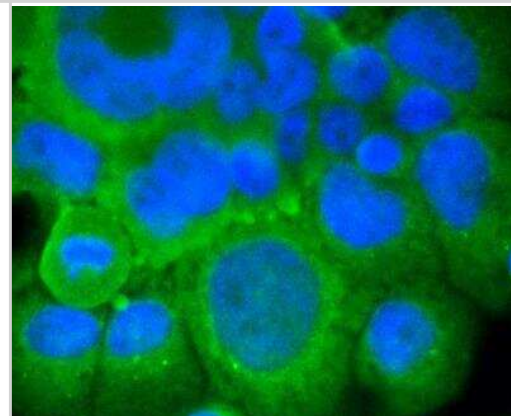
Immunohistochemistry-Paraffin: mGluR5 Antibody (ST51-00) [NBP3-11866] - Immunohistochemical analysis of paraffin-embedded mouse brain tissue using NBP3-11866. Counter stained with hematoxylin.



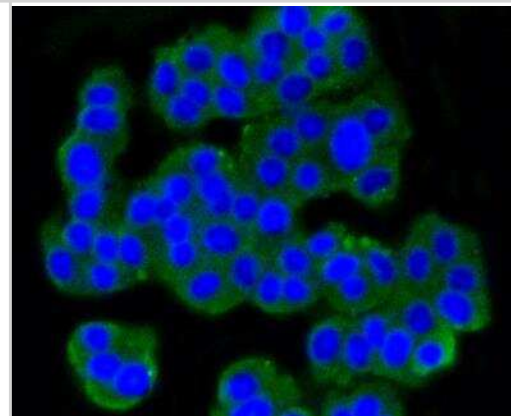
Flow Cytometry: mGluR5 Antibody (ST51-00) [NBP3-11866] - Flow cytometric analysis of SH-SY-5Y cells with NBP3-11866 at 1/50 dilution (blue) compared with an unlabelled control (cells without incubation with primary antibody; red). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.



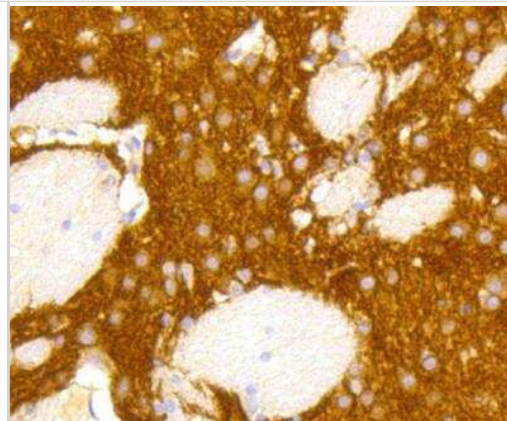
Immunocytochemistry/Immunofluorescence: mGluR5 Antibody (ST51-00) [NBP3-11866] - Immunocytochemistry staining mGluR5 in JAR cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Immunocytochemistry/Immunofluorescence: mGluR5 Antibody (ST51-00) [NBP3-11866] - Immunocytochemistry staining mGluR5 in PC12 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Immunohistochemistry-Paraffin: mGluR5 Antibody (ST51-00) [NBP3-11866] - Immunohistochemical analysis of paraffin-embedded rat brain tissue using NBP3-11866. Counter stained with hematoxylin.





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### **Products Related to NBP3-11866-100ul**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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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