

# Product Datasheet

## mGluR3 Antibody (7A5A6) - BSA Free NBP2-61843

Unit Size: 0.1 ml

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

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### Publications: 1

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**NBP2-61843**

mGluR3 Antibody (7A5A6) - BSA Free

**Product Information**

<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	7A5A6
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG2a
<b>Purity</b>	Protein G purified
<b>Buffer</b>	PBS
<b>Target Molecular Weight</b>	99 kDa

**Product Description**

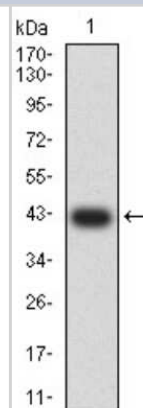
<b>Description</b>	Novus Biologicals Mouse mGluR3 Antibody (7A5A6) - BSA Free (NBP2-61843) is a monoclonal antibody validated for use in IHC, WB, ELISA, Flow and ICC/IF. Anti-mGluR3 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	2913
<b>Gene Symbol</b>	GRM3
<b>Species</b>	Human
<b>Immunogen</b>	Purified recombinant fragment of human mGluR3 (AA: extra 433-576) expressed in E. Coli.

**Product Application Details**

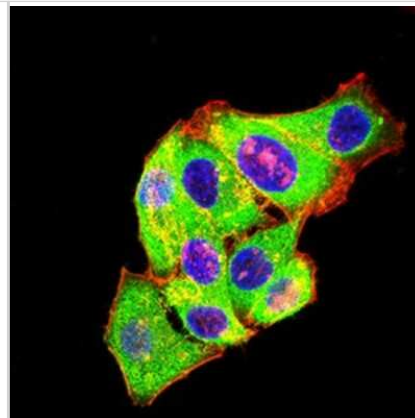
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:100-1:2000, Flow Cytometry 1:10-1:1000, ELISA 1:100-1:2000, Immunohistochemistry 1:10-1:1000, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunohistochemistry-Paraffin 1:200 - 1:1000

**Images**

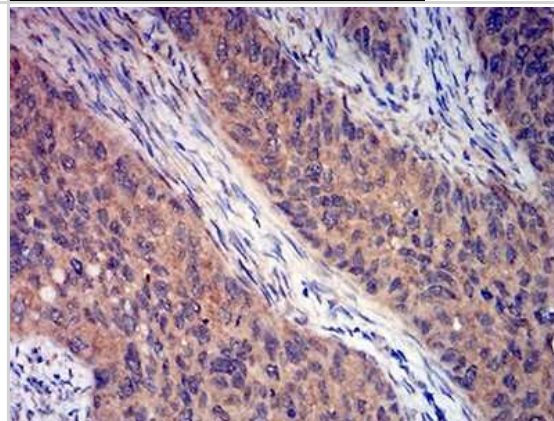
Western Blot: mGluR3 Antibody (7A5A6) [NBP2-61843] - Analysis using GRM3 mAb against human GRM3 (AA: extra 433-576) recombinant protein. (Expected MW is 42.4 kDa)



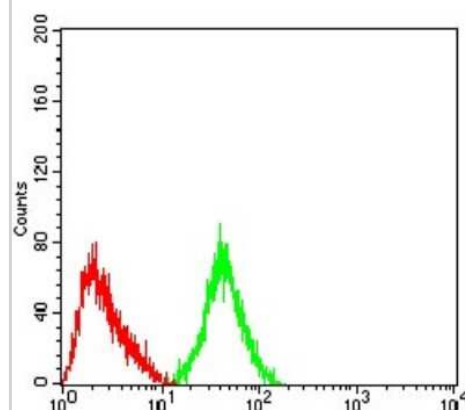
Immunocytochemistry/Immunofluorescence: mGluR3 Antibody (7A5A6) [NBP2-61843] - Analysis of Hela cells using GRM3 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)



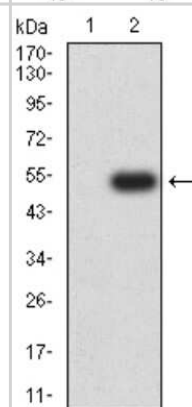
Immunohistochemistry-Paraffin: mGluR3 Antibody (7A5A6) [NBP2-61843] - Analysis of cervical cancer tissues using GRM3 mouse mAb with DAB staining.



Flow Cytometry: mGluR3 Antibody (7A5A6) [NBP2-61843] - Analysis of SH-SY5Y cells using GRM3 mouse mAb (green) and negative control (red).



Western Blot: mGluR3 Antibody (7A5A6) [NBP2-61843] - Analysis using GRM3 mAb against HEK293 (1) and GRM3 (AA: extra 433-576)-hlgGfc transfected HEK293 (2) cell lysate.



ELISA: mGluR3 Antibody (7A5A6) [NBP2-61843] - Black line: Control  
Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng);  
Red line:Antigen (100 ng)



## Publications

Habrian CH, Levitz J, Vyklicky V, et al. Conformational pathway provides unique sensitivity to a synaptic mGluR Nat Commun 2019-12-05 [PMID: 31804469] (WB, Human)





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### **Products Related to NBP2-61843**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)
9527-UR-100	mGluR3 [Unconjugated]

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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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