

# Product Datasheet

## Nicotinic Acetylcholine Receptor beta 4 Antibody (1H11F2) - BSA Free NBP2-61743

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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**NBP2-61743**

Nicotinic Acetylcholine Receptor beta 4 Antibody (1H11F2) - BSA Free

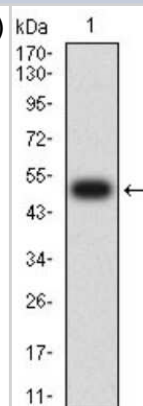
Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1H11F2
Preservative	0.05% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS
Target Molecular Weight	56.4 kDa

Product Description	
Description	Novus Biologicals Mouse Nicotinic Acetylcholine Receptor beta 4 Antibody (1H11F2) - BSA Free (NBP2-61743) is a monoclonal antibody validated for use in WB, ELISA, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	1143
Gene Symbol	CHRNB4
Species	Human
Immunogen	Purified recombinant fragment of human Nicotinic Acetylcholine Receptor beta 4 (AA: extra 22-236) expressed in E. Coli.

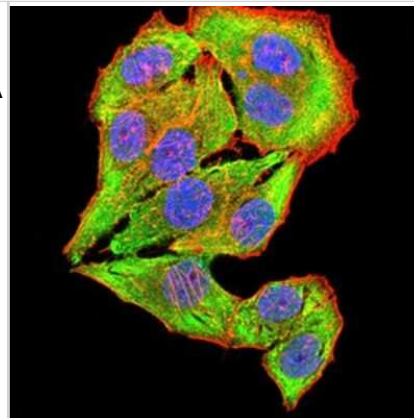
Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:500-1:2000, Flow Cytometry 1:200-1:400, ELISA 1:10000, Immunocytochemistry/ Immunofluorescence 1:100-1:500

**Images**

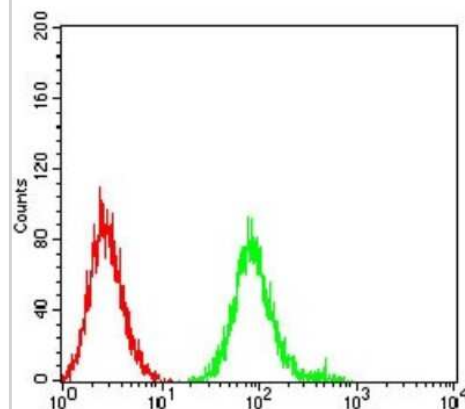
Western Blot: Nicotinic Acetylcholine Receptor beta 4 Antibody (1H11F2) [NBP2-61743] - Analysis using CHRNB4 mAb against human CHRNB4 (AA: extra 22-236) recombinant protein. (Expected MW is 51 kDa)



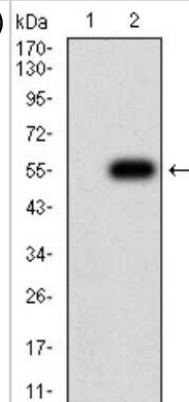
Immunocytochemistry/Immunofluorescence: Nicotinic Acetylcholine Receptor beta 4 Antibody (1H11F2) [NBP2-61743] - Analysis of Hela cells using CHRNB4 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Goat anti-Mouse IgG (H+L) DyLight 488 secondary antibody was used.



Flow Cytometry: Nicotinic Acetylcholine Receptor beta 4 Antibody (1H11F2) [NBP2-61743] - Analysis of SK-N-SH cells using CHRNB4 mouse mAb (green) and negative control (red).



Western Blot: Nicotinic Acetylcholine Receptor beta 4 Antibody (1H11F2) [NBP2-61743] - Analysis using CHRNB4 mAb against HEK293 (1) and CHRNB4 (AA: extra 22-236)-hlgGfc transfected HEK293 (2) cell lysate.



ELISA: Nicotinic Acetylcholine Receptor beta 4 Antibody (1H11F2) [NBP2-61743] - Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)





### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP2-61743**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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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