

Product Datasheet

Nicotinic Acetylcholine R alpha 3/CHRNA3 Antibody (6D3A10) - BSA Free NBP2-61673

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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NBP2-61673

Nicotinic Acetylcholine R alpha 3/CHRNA3 Antibody (6D3A10) - BSA Free

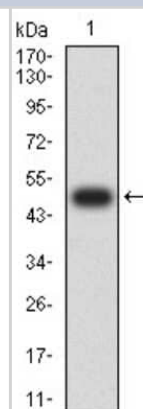
Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	6D3A10
Preservative	0.05% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS
Target Molecular Weight	57.5 kDa

Product Description	
Host	Mouse
Gene ID	1136
Gene Symbol	CHRNA3
Species	Human
Immunogen	Purified recombinant fragment of human Nicotinic Acetylcholine R alpha 3/CHRNA3 (AA: 32-240) expressed in E. Coli.

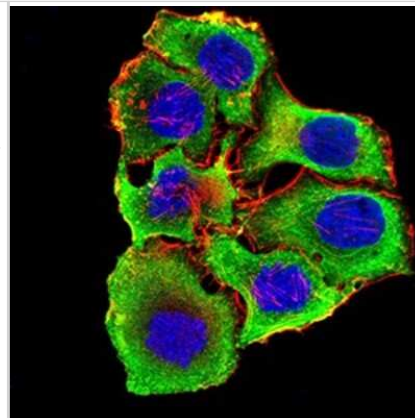
Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:500-1:2000, Flow Cytometry 1:200-1:400, ELISA 1:10000, Immunocytochemistry/ Immunofluorescence 1:200-1:1000

Images

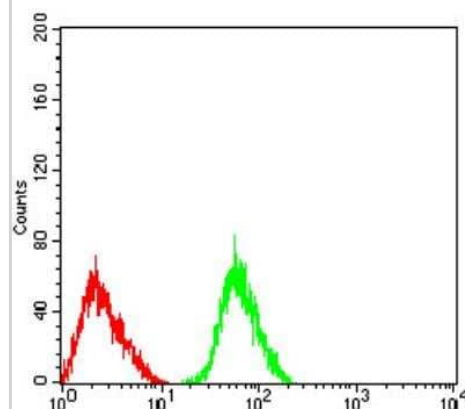
Western Blot: Nicotinic Acetylcholine R alpha 3/CHRNA3 Antibody (6D3A10) [NBP2-61673] - Analysis using CHRNA3 mAb against human CHRNA3 (AA: 32-240) recombinant protein. (Expected MW is 50.6 kDa)



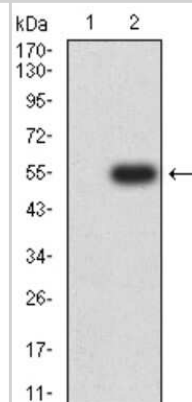
Immunocytochemistry/Immunofluorescence: Nicotinic Acetylcholine R alpha 3/CHRNA3 Antibody (6D3A10) [NBP2-61673] - Analysis of SMMC-7721 cells using CHRNA3 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Goat anti-Mouse IgG (H+L) DyLight 488 secondary antibody was used.



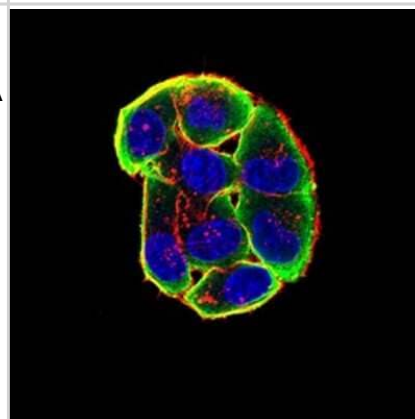
Flow Cytometry: Nicotinic Acetylcholine R alpha 3/CHRNA3 Antibody (6D3A10) [NBP2-61673] - Analysis of SK-N-SH cells using CHRNA3 mouse mAb (green) and negative control (red).



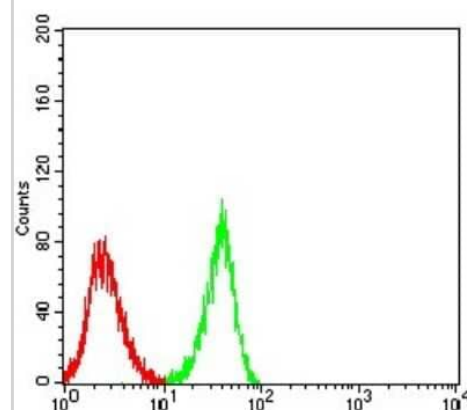
Western Blot: Nicotinic Acetylcholine R alpha 3/CHRNA3 Antibody (6D3A10) [NBP2-61673] - Analysis using CHRNA3 mAb against HEK293 (1) and CHRNA3 (AA: 32-240)-hlgGfc transfected HEK293 (2) cell lysate.



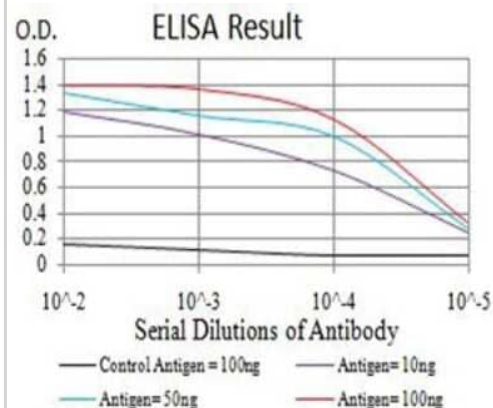
Immunocytochemistry/Immunofluorescence: Nicotinic Acetylcholine R alpha 3/CHRNA3 Antibody (6D3A10) [NBP2-61673] - Analysis of HeLa cells using CHRNA3 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Goat anti-Mouse IgG (H+L) DyLight 488 secondary antibody was used.



Flow Cytometry: Nicotinic Acetylcholine R alpha 3/CHRNA3 Antibody (6D3A10) [NBP2-61673] - Analysis of SH-SY5Y cells using CHRNA3 mouse mAb (green) and negative control (red).



ELISA: Nicotinic Acetylcholine R alpha 3/CHRNA3 Antibody (6D3A10) [NBP2-61673] - Black line: Control Antigen (100 ng); Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)



Publications

Wei N, Chu Y, Liu H Et al. Antagonistic Mechanism of alpha-Conotoxin BuIA toward the Human alpha3beta2 Nicotinic Acetylcholine Receptor ACS chemical neuroscience 2021-11-05 [PMID: 34738810]



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Products Related to NBP2-61673

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)
NBP2-52109-0.1mg	Recombinant Human Nicotinic Acetylcholine R alpha 3/CHRNA3 His Protein

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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