

Product Datasheet

Nicotinic Acetylcholine R alpha 1/CHRNA1 Antibody (mAb 192) - Azide and BSA Free NBP2-81070-0.2mg

Unit Size: 0.2 mg

Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.

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NBP2-81070-0.2mg

Nicotinic Acetylcholine R alpha 1/CHRNA1 Antibody (mAb 192) - Azide and BSA Free

Product Information	
Unit Size	0.2 mg
Concentration	1 mg/ml
Storage	Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.
Clonality	Monoclonal
Clone	mAb 192
Preservative	0.02% Proclin 300
Isotype	IgG2b Kappa
Purity	Protein A purified
Buffer	PBS

Product Description	
Description	Novus Biologicals Rat Nicotinic Acetylcholine R alpha 1/CHRNA1 Antibody (mAb 192) - Azide and BSA Free (NBP2-81070) is a recombinant monoclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. Anti-Nicotinic Acetylcholine R alpha 1/CHRNA1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rat
Gene ID	1134
Gene Symbol	CHRNA1
Species	Human, Mouse, Rat
Specificity/Sensitivity	The antibody binds to human muscle AChR with a Kd of 10 pM, to mouse muscle AChR with a Kd of 50 pM, and to rat muscle AChR with a Kd of 646 nM.
Immunogen	Human muscle AChR.

Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Block/Neutralize
Recommended Dilutions	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Block/Neutralize
Application Notes	This antibody binds to the human muscle Acetylcholine receptor, which is a ligand-gated ion channel, transducing an action potential into the muscle cells. The antibody binds to the main immunogenic region (MIR) and prevents ligand-binding.

Publications

Gupta R, Johnston TR, Chen VY et al. Human Motor Endplate Survival after Chronic Peripheral Nerve Injury medRxiv : the preprint server for health sciences 2023-10-14 [PMID: 37873401] (IHC-P, Human)





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Products Related to NBP2-81070-0.2mg

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF005	Goat anti-Rat IgG Secondary Antibody [HRP]
NB7115	Goat anti-Rat IgG (H+L) Secondary Antibody [HRP]
NBP1-43323-0.5mg	Rat IgG2b Kappa Light Chain Isotype Control (149/10H5)

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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