

Muscle Acetylcholine Receptor Recombinant Antibody | AChR recombinant antibody

Anti-Human Muscle Acetylcholine Receptor [mAb 192]

CATALOG # AAA71993	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot, ELISA
------------------------------	--	--

PRODUCT SYNONYMS

Muscle Acetylcholine Receptor; Monoclonal Recombinant Antibody; Anti-Human Muscle Acetylcholine Receptor [mAb 192]; AChR; AChR recombinant antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	Rat IgG2b, Kappa
Clone Number	mAb 192
Specificity	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.
Purity/Purification	Protein A Affinity Purified
Form/Format	PBS only with 0.02% Proclin 300.
Concentration	1 mg/ml (varies by lot)
Sequence Length	457
Applicable Applications for AChR recombinant antibody	Blocking, WB (Western Blot), ELISA
Immunogen	Human muscle AChR.
Preparation and Storage	Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

ADDITIONAL INFORMATION

Related Product Information for AChR recombinant antibody	Recombinant monoclonal antibody to Human Muscle Acetylcholine Receptor. Manufactured using a proprietary Recombinant Platform with variable regions (i.e. specificity) from the hybridoma mAb 192. Human muscle AChR.
Product Categories/Family for AChR recombinant antibody	Physiology ; Electrophysiology ; Neuromuscular Disorders
References	Kontou et al. Characterisation, crystallisation and preliminary X-ray diffraction analysis of a Fab fragment of a rat monoclonal antibody with very high affinity for the human muscle acetylcholine receptor. FEBS Letters 1996; 389(2):195-198 PMID:8766828

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557457
NCBI GeneID	1134
NCBI Accession #	NP_000070.1
NCBI GenBank Nucleotide #	NM_000079.3

UniProt Accession #	P02708; B4DRV6; D3DPE8
NCBI Official Full Name	acetylcholine receptor subunit alpha isoform b
NCBI Official Synonym Full Names	cholinergic receptor nicotinic alpha 1 subunit
NCBI Official Symbol	CHRNA1
NCBI Official Synonym Symbols	ACHRA; ACHRD; CHRNA; CMS1A; CMS1B; CMS2A; FCCMS; SCCMS
NCBI Protein Information	acetylcholine receptor subunit alpha
UniProt Protein Name	Acetylcholine receptor subunit alpha
UniProt Gene Name	CHRNA1
UniProt Synonym Gene Names	ACHRA; CHNRA

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/muscle-acetylcholine-receptor-recombinant-antibody-clone-mab-192-western-blot-elisa/71993>