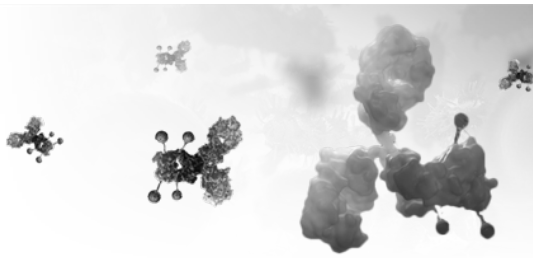

Rat Anti-Human AChR Monoclonal antibody, clone Mab35 (TIB-175) (CABT-L4419)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	The mAb35 (TIB-175) antibody reacts with human rat and fish acetylcholine receptor (AChR). The AChR is a heterodimeric receptor consisting of four subunits in a molar stoichiometry α2βγδ during the early embryonic stages or after denervation and α2βεδ in the adult form. The mAB35 antibody binds to the major immunogenic region of the α subunits. It has been shown to passively transfer experimental autoimmune myasthenia gravis.
Target	Human/Rat/fish AChR
Immunogen	Electrophorus electricus acetylcholine receptor
Isotype	IgG1
Source/Host	Rat
Species Reactivity	Human, Rat, Fish
Clone	Mab35 (TIB-175)
Purification	Protein G purified. Purity>95%. Determined by SDS-PAGE
Conjugate	Functional Grade
Applications	IF
Molecular Weight	150 kDa
Format	0.2 μM filtered liquid. Purified from tissue culture supernatant in an animal free facility
Concentration	Lot specific

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Size	5 mg
Buffer	PBS, pH 7.0. Contains no stabilizers or preservatives. [low endotoxin azide-free] Endotoxin level: <2EU/mg (<0.002EU/μg). Determined by LAL gel clotting assay Related dilution buffer: CABT-LB04
Preservative	None
Storage	The antibody solution should be stored undiluted at 4°C, and protected from prolonged exposure to light. Do not freeze.
Ship	Wet ice

BACKGROUND

Introduction	An acetylcholine receptor (abbreviated AChR) is an integral membrane protein that responds to the binding of acetylcholine, a neurotransmitter.
Keywords	AChR;acetylcholine receptor;AChRs

GENE INFORMATION

Official Symbol	acetylcholine receptor
Synonyms	AChR; acetylcholine receptor; AChRs
References	Luo, J. and J. Lindstrom (2014). "Antigen-specific immunotherapeutic vaccine for experimental autoimmune myasthenia gravis." J Immunol 193(10): 5044-5055. PubMed;

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