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Product Information

Recombinant Human Anti-Human AchR Monoclonal Antibody

Cat. No.: **HOM-19207**
This product is for research use only and is not intended for diagnostic use.

Product Overview

Recombinant humanized antibody expressed in CHO binding to human AchR.

Antigen Description

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

Target

CHRNE

Species Reactivity

Human

Type

Human IgG

Expression Host

CHO

Clone

Monoclonal

Purity

>95.0% as determined by analysis by RP-HPLC & analysis by SDS-PAGE.

Applications

ELISA, WB, IHC, FCM, IP, IF. Optimal dilutions/concentrations should be determined by the end user.

Molecular Weight

145.41 kDa

Stability

Samples are stable for up to twelve months from date of receipt at - 20°C and are stable for six months at 4 °C.

Storage

Store it under sterile conditions at -20 °C upon receiving. Recommend to pack the antibody into smaller quantities for optimal storage.

Ship

2-8°C, BLUE ICE

ANTIGEN GENE INFOMATION

Gene Name

CHRNE cholinergic receptor, nicotinic, epsilon (muscle) [Homo sapiens]

Official Symbol

CHRNE

Synonyms

CHRNE; cholinergic receptor, nicotinic, epsilon (muscle); cholinergic receptor, nicotinic, epsilon; acetylcholine receptor subunit epsilon; acetylcholine receptor; nicotinic; epsilon (muscle); ACHRE; AchR epsilon subunit; acetylcholine receptor, nicotinic, epsilon (muscle); cholinergic receptor, nicotinic, epsilon polypeptide; CMS1D; CMS1E; CMS2A; FCCMS; SCCMS;

Gene ID

1145

mRNA Refseq

NM_000080

Protein Refseq

NP_000071

MIM

100725

UniProt ID

Q04844

Chromosome Location

17p13.2

Pathway

Acetylcholine Binding And Downstream Events, organism-specific biosystem; Activation of Nicotinic Acetylcholine Receptors, organism-specific biosystem; ErbB2/ErbB3 signaling events, organism-specific biosystem; Highly sodium permeable acetylcholine nicotinic receptors, organism-specific biosystem; Neuroactive ligand-receptor interaction, organism-specific biosystem; Neuroactive ligand-receptor interaction, conserved biosystem; Neuronal System, organism-specific biosystem;

Function

acetylcholine receptor activity; acetylcholine-activated cation-selective channel activity; cation transmembrane transporter activity; extracellular ligand-gated ion channel activity; ion channel activity; receptor activity;

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