



Anti-CHRNA1 monoclonal antibody, clone C4 (DCABH-325)

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

PRODUCT INFORMATION

Product Overview	Mouse monoclonal to Nicotinic Acetylcholine Receptor beta
Antigen Description	After binding acetylcholine, the AChR responds by an extensive change in conformation that affects all subunits and leads to opening of an ion-conducting channel across the plasma membrane.
Specificity	This antibody binds human AChR Beta subunit. Exhibits homogenous, high avidity binding to the receptor. Binding to recombinant beta subunit demonstrated on Western blotting.
Immunogen	Full length protein (Human).
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	C4
Purity	Protein G purified
Conjugate	Unconjugated
Applications	Flow Cyt, IHC-Fr, WB, IP
Format	Liquid
Size	250 µl
Buffer	Preservative: 0.09% Sodium Azide; Constituents: PBS

Preservative	0.09% Sodium Azide
Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	CHRNA1 cholinergic receptor, nicotinic, beta 1 (muscle) [Homo sapiens]
Official Symbol	CHRNA1
Synonyms	CHRNA1; cholinergic receptor, nicotinic, beta 1 (muscle); cholinergic receptor, nicotinic, beta polypeptide 1 (muscle) , CHRNA; acetylcholine receptor subunit beta; acetylcholine receptor; nicotinic; beta 1 (muscle); acetylcholine receptor, nicotinic, bet
Entrez Gene ID	1140
Protein Refseq	NP_000738
UniProt ID	P11230
Chromosome Location	17p13.1
Pathway	Neuroactive ligand-receptor interaction, organism-specific biosystem; Neuroactive ligand-receptor interaction, conserved biosystem;
Function	acetylcholine binding; contributes_to acetylcholine receptor activity; contributes_to acetylcholine-activated cation-selective channel activity; channel activity; extracellular ligand-gated ion channel activity; ligand-gated ion channel activity; receptor