



Anti-CHRNA1 monoclonal antibody, clone 84 (DCABH-8214)

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

PRODUCT INFORMATION

Product Overview	Rat 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 to the extracellular surface of muscle Nicotinic Acetylcholine Receptor β 1-subunits.
Immunogen	Full length native protein: purified bovine muscle nicotinic acetylcholine receptor.
Isotype	IgG1
Source/Host	Rat
Species Reactivity	Cow, Human
Clone	84
Conjugate	Unconjugated
Applications	IP
Format	Liquid
Size	100 μ l
Buffer	Preservative: None; Constituents: Ascites
Preservative	None

Storage store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

Ship Shipped at 4°C.

GENE INFORMATION

Gene Name [CHRNA1 cholinergic receptor, nicotinic, beta 1 \(muscle\) \[Bos taurus \]](#)

Official Symbol CHRNA1

Synonyms CHRNA1; cholinergic receptor, nicotinic, beta 1 (muscle); acetylcholine receptor subunit beta; cholinergic receptor, nicotinic, beta polypeptide 1 (muscle);

Entrez Gene ID [282179](#)

Protein Refseq [NP_776941](#)

UniProt ID [P04758](#)

Pathway Neuroactive ligand-receptor interaction, organism-specific biosystem; Neuroactive ligand-receptor interaction, conserved biosystem;

Function acetylcholine binding; contributes_to acetylcholine receptor activity; acetylcholine-activated cation-selective channel activity; channel activity; extracellular ligand-gated ion channel activity; ion channel activity; receptor activity;