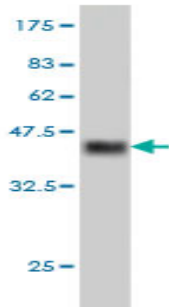


Mouse monoclonal antibody to human muscarinic acetylcholine receptor [4B5]: IgG

Catalogue No.:	M-814-100
Description:	The muscarinic acetylcholine receptor belongs to the G-protein coupled receptor 1 family and mediates various cellular responses such as adenylate cyclase inhibition, phosphoinositide breakdown and potassium channel modulation through the action of G proteins. The unprocessed precursor has a length of 466 amino acids and a predicted molecular weight of 51.7KDa.
Batch No.:	See product label
Unit size:	100 ug
Antigen:	Partial recombinant protein of human muscarinic acetylcholine receptor (amino acids 251 to 350) with a GST tag.
Isotype:	IgG2a Kappa
Clone:	4B5
Other Names:	CHRM2
Accession:	ACM2_HUMAN
Produced in:	Mouse
Purity:	Protein G purified immunoglobulin
Applications:	This antibody is recommended for WB, direct and sandwich ELISA. The detection limit of recombinant GST tagged muscarinic acetylcholine receptor is 0.03ng/mL when using mouse monoclonal antibody to recombinant GST muscarinic acetylcholine receptor [4B5], catalogue number M-814-100, as a capture antibody. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
Specificity:	The reactivity of this antibody has been confirmed by WB and ELISA against the recombinant GST tagged muscarinic acetylcholine receptor protein.
Cross-reactivity:	This antibody has not yet been tested against other species.
Form:	Lyophilised from PBS pH 7.4
Reconstitution:	Reconstitute in 100 uL of sterile water. Centrifuge to remove any insoluble material.
Storage:	Store lyophilized antibody at 2-8C. After reconstitution keep aliquots at -20C for higher stability or at 2-8C with an appropriate antibacterial agent. Glycerol (1:1) may be added for additional stability. Avoid repetitive freeze/thaw cycles.
Expiry Date:	12 months after purchase

FOR RESEARCH USE ONLY

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Western blot analysis on GST tagged recombinant ACM2 protein using mouse monoclonal antibody to human muscarinic acetylcholine receptor [4B5], catalogue number M-814-100. Note the GST tag alone has a molecular weight of 26KDa.

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