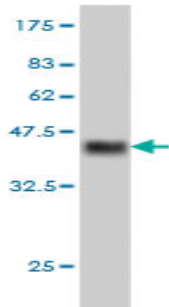


Mouse monoclonal antibody to human muscarinic acetylcholine receptor [4B5]: IgG

| | |
|--------------------------|--|
| 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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