

**Muscarinic Acetylcholine Receptor M2 Rabbit mAb**  
Catalog # AP78318**Specification**

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**Muscarinic Acetylcholine Receptor M2 Rabbit mAb - Product Information**

Application	WB
Primary Accession	<a href="#">P08172</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	51715

**Muscarinic Acetylcholine Receptor M2 Rabbit mAb - Additional Information****Gene ID** 1129**Other Names**  
CHRM2**Dilution**  
WB~~1/500-1/1000**Format**  
Liquid**Muscarinic Acetylcholine Receptor M2 Rabbit mAb - Protein Information****Name** CHRM2**Function**

The muscarinic acetylcholine receptor mediates various cellular responses, including inhibition of adenylate cyclase, breakdown of phosphoinositides and modulation of potassium channels through the action of G proteins. Primary transducing effect is adenylate cyclase inhibition. Signaling promotes phospholipase C activity, leading to the release of inositol trisphosphate (IP3); this then triggers calcium ion release into the cytosol.

**Cellular Location**

Cell membrane; Multi-pass membrane protein. Postsynaptic cell membrane; Multi-pass membrane protein. Note=Phosphorylation in response to agonist binding promotes receptor internalization {ECO:0000250|UniProtKB:P06199}

**Muscarinic Acetylcholine Receptor M2 Rabbit mAb - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)

- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### Muscarinic Acetylcholine Receptor M2 Rabbit mAb - Images

