

**MC1 Receptor (9V10) Rabbit Monoclonal Antibody**  
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Catalog # AP93702**Specification**

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**MC1 Receptor (9V10) Rabbit Monoclonal Antibody - Product Information**

Application	WB, IHC
Primary Accession	<a href="#">Q01726</a>
Reactivity	Human
Clonality	Monoclonal
Calculated MW	34706

**MC1 Receptor (9V10) Rabbit Monoclonal Antibody - Additional Information**

Gene ID 4157

**Other Names**

Melanocyte-stimulating hormone receptor, MSH-R, Melanocortin receptor 1, MC1-R, MC1R, MSHR

**Storage Conditions**

-20°C

**MC1 Receptor (9V10) Rabbit Monoclonal Antibody - Protein Information**

Name MC1R

Synonyms MSHR

**Function**

Receptor for MSH (alpha, beta and gamma) and ACTH (PubMed:<a href="http://www.uniprot.org/citations/11442765" target="\_blank">11442765</a>, PubMed:<a href="http://www.uniprot.org/citations/11707265" target="\_blank">11707265</a>, PubMed:<a href="http://www.uniprot.org/citations/1325670" target="\_blank">1325670</a>, PubMed:<a href="http://www.uniprot.org/citations/1516719" target="\_blank">1516719</a>, PubMed:<a href="http://www.uniprot.org/citations/8463333" target="\_blank">8463333</a>). The activity of this receptor is mediated by G proteins which activate adenylate cyclase (PubMed:<a href="http://www.uniprot.org/citations/11707265" target="\_blank">11707265</a>, PubMed:<a href="http://www.uniprot.org/citations/1325670" target="\_blank">1325670</a>, PubMed:<a href="http://www.uniprot.org/citations/16463023" target="\_blank">16463023</a>, PubMed:<a href="http://www.uniprot.org/citations/19737927" target="\_blank">19737927</a>). Mediates melanogenesis, the production of eumelanin (black/brown) and phaeomelanin (red/yellow), via regulation of cAMP signaling in melanocytes (PubMed:<a href="http://www.uniprot.org/citations/31097585" target="\_blank">31097585</a>).

**Cellular Location**

Cell membrane; Multi-pass membrane protein

**Tissue Location**

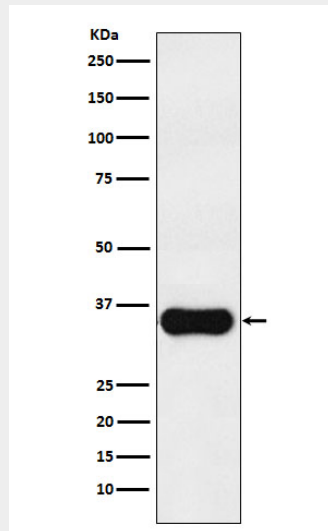
Expressed in melanocytes (PubMed:1325670, PubMed:31097585). Expressed in corticoadrenal tissue (PubMed:1325670)

### MC1 Receptor (9V10) Rabbit Monoclonal Antibody - 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](#)

### MC1 Receptor (9V10) Rabbit Monoclonal Antibody - Images



Western blot analysis of MC1 Receptor expression in A375 cell lysate.