

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

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

Application	WB, IHC
Primary Accession	Q01726
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

Dilution

WB~~1:1000

IHC~~1:100~500

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:11442765, PubMed:11707265, PubMed:1325670, PubMed:1516719, PubMed:8463333). The activity of this receptor is mediated by G proteins which activate adenylate cyclase (PubMed:11707265, PubMed:1325670, PubMed:16463023, PubMed:19737927). Mediates melanogenesis, the production of eumelanin (black/brown) and pheomelanin (red/yellow), via regulation of cAMP signaling in melanocytes (PubMed:31097585).

Cellular Location

Cell membrane; Multi-pass membrane protein

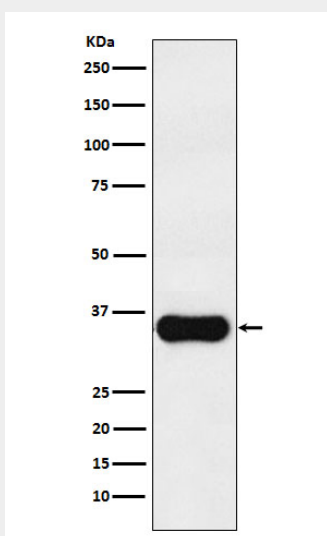
Tissue Location

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.