

# MC1 Receptor (9V10) Rabbit Monoclonal Antibody

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Catalog # AP93702

## Product Information

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

## Additional Information

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<b>Gene ID</b>	4157
<b>Other Names</b>	Melanocyte-stimulating hormone receptor, MSH-R, Melanocortin receptor 1, MC1-R, MC1R, MSHR
<b>Dilution</b>	WB~~1:1000 IHC~~1:100~500
<b>Storage Conditions</b>	-20°C

## Protein Information

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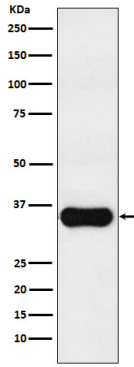
<b>Name</b>	MC1R
<b>Synonyms</b>	MSHR
<b>Function</b>	Receptor for MSH (alpha, beta and gamma) and ACTH (PubMed: <a href="#">11442765</a> , PubMed: <a href="#">11707265</a> , PubMed: <a href="#">1325670</a> , PubMed: <a href="#">1516719</a> , PubMed: <a href="#">8463333</a> ). The activity of this receptor is mediated by G proteins which activate adenylate cyclase (PubMed: <a href="#">11707265</a> , PubMed: <a href="#">1325670</a> , PubMed: <a href="#">16463023</a> , PubMed: <a href="#">19737927</a> ). Mediates melanogenesis, the production of eumelanin (black/brown) and pheomelanin (red/yellow), via regulation of cAMP signaling in melanocytes (PubMed: <a href="#">31097585</a> ).
<b>Cellular Location</b>	Cell membrane; Multi-pass membrane protein
<b>Tissue Location</b>	Expressed in melanocytes (PubMed:1325670, PubMed:31097585). Expressed in corticoadrenal tissue (PubMed:1325670)

## Images

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Western blot analysis of MC1 Receptor expression in

A375 cell lysate.



Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.