

# MC1R Rabbit mAb

Catalog # AP78073

## Product Information

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| <b>Application</b>       | WB, IHC-P   |
| <b>Primary Accession</b> | <a href="#">Q01726</a>                                |
| <b>Reactivity</b>        | Human   |
| <b>Host</b>              | Rabbit  |
| <b>Clonality</b>         | Monoclonal Antibody                                   |
| <b>Isotype</b>           | IgG   |
| <b>Conjugate</b>         | Unconjugated  |
| <b>Immunogen</b>         | A synthesized peptide derived from human MC1 Receptor |
| <b>Purification</b>      | Affinity Chromatography                               |
| <b>Calculated MW</b>     | 34706   |

## Additional Information

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| <b>Gene ID</b>     | 4157   |
| <b>Other Names</b> | MC1R   |
| <b>Dilution</b>    | WB~~1/500-1/1000 IHC-P~~N/A  |
| <b>Format</b>      | Liquid in 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol. |
| <b>Storage</b>     | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.           |

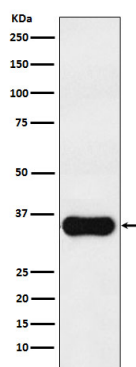
## Protein Information

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