

Mouse anti-Human MC1R Monoclonal Antibody | anti-MC1R antibody

Mouse Monoclonal (IgM) to Human MC1R

CATALOG # AAA52551	HOST Mouse	REACTIVITY Human	APPLICATIONS Western Blot, Immunohistochemistry
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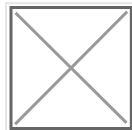
PRODUCT SYNONYMS

MC1R; Monoclonal Antibody; Mouse Monoclonal (IgM) to Human MC1R; Anti-MC1R Antibody (aa205-232) IHC-plus; CMM5; MC1 receptor; MC1-R; MSHR; Melanocortin receptor 1; Melanotropin receptor; Melanocortin 1 receptor; MSH-R; SHEP2; Human MC1R; anti-MC1R antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgM
Specificity	Human MC1R
Purity/Purification	Euglobulin precipitation
Form/Format	PBS, 0.09% sodium azide
Sequence Length	317
Applicable Applications for anti-MC1R antibody	WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	KLH-conjugated synthetic peptide selected from human MC1R.
Immunogen Type	Synthetic peptide
Immunogen	MC1R antibody was raised against KLH-conjugated synthetic peptide selected from human MC1R.
Antigen Modification	aa205-232
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C.

IMAGES



WB (Western Blot)

MC1R Antibody (Center) Western blot of A375 cell line lysates (35 ug/lane). This demonstrates the MC1R antibody detected the MC1R protein (arrow).



IHC (Immunohistochemistry)

Anti-MC1R antibody IHC staining of human brain, cortex. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody dilution 1:100.

ADDITIONAL INFORMATION

Related Product Information for anti-MC1R antibody	MC1R, a Melanocortin Receptor, mediates the effects of melanocyte-stimulating hormone (MSH) and adrenocorticotrophic hormone (ACTH). MSH and its receptor, MC1R, are key regulators of melanogenesis. They control the relative proportions of red pheomelanin and black photoprotective eumelanin in the skin by increasing the production of eumelanin. Non-functional, truncated forms of the receptor lead to lighter coat color in animals. In contrast, constitutively active receptors lead to darker color.
Product Categories/Family for anti-MC1R antibody	Family: GPCR; Subfamily: Melanocortin

NCBI AND UNIPROT INFORMATION

NCBI GI #	193083134
NCBI GeneID	4157
NCBI Accession #	NP_002377.4
NCBI GenBank Nucleotide #	NM_002386.3
UniProt Accession #	Q01726; Q66K38; Q6UR93; Q8WWX6; Q8WWX7; Q96I33; Q96RU4; Q9UBF7; Q9UN58; Q9UN59; Q9UN60; Q9UN61
Molecular Weight	34,706 Da
NCBI Official Full Name	melanocyte-stimulating hormone receptor
NCBI Official Synonym Full Names	melanocortin 1 receptor (alpha melanocyte stimulating hormone receptor)
NCBI Official Symbol	MC1R
NCBI Official Synonym Symbols	CMM5; MSH-R; SHEP2
NCBI Protein Information	melanocyte-stimulating hormone receptor; MC1-R; melanotropin receptor
UniProt Protein Name	Melanocyte-stimulating hormone receptor
UniProt Gene Name	MC1R
UniProt Synonym Gene Names	MSHR; MSH-R; MC1-R
UniProt Entry Name	MSHR_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/mc1r-antibody-western-blot-immunohistochemistry-elisa/52551>