

兔抗 MC1R 多克隆抗体

中文名称：兔抗 MC1R 多克隆抗体

英文名称： Anti-MC1R rabbit polyclonal antibody

别名： CMM5, MSH-R, SHEP2

相关类别： 一抗

储存： 冷冻（-20℃）

宿主： Rabbit

抗原： MC1R

反应种属： Human, Mouse

标记物： Unconjugate

克隆类型： rabbit polyclonal

技术规格

Background:

This intronless gene encodes the receptor protein for melanocyte-stimulating hormone (MSH). The encoded protein, a seven pass transmembrane G protein coupled receptor, controls melanogenesis. Two types of melanin exist: red pheomelanin and black eumelanin. Gene mutations that lead to a loss in function are associated with increased pheomelanin production, which leads to lighter skin and hair color. Eumelanin is photoprotective but pheomelanin may contribute to UV-induced skin damage by generating free radicals upon UV radiation. Binding of MSH to its receptor activates the receptor and stimulates eumelanin synthesis. This receptor is a major de

	termining factor in sun sensitivity and is a genetic risk factor for melanoma and non-melanoma skin cancer. Over 30 variant alleles have been identified which correlate with skin and hair color, providing evidence that this gene is an important component in determining normal human pigment variation.
Applications:	ELISA, IHC
Name of antibody:	MC1R
Immunogen:	Synthetic peptide of human MC1R
Full name:	melanocortin 1 receptor (alpha melanocyte stimulating hormone receptor)
Synonyms:	CMM5, MSH-R, SHEP2
SwissProt:	Q01726
IHC positive control:	Human colon cancer and human gastric cancer
IHC Recommend dilution:	50-200

