

## 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 determining 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.
<b>Applications:</b>	ELISA, IHC
<b>Name of antibody:</b>	MC1R
<b>Immunogen:</b>	Synthetic peptide of human MC1R
<b>Full name:</b>	melanocortin 1 receptor (alpha melanocyte stimulating hormone receptor)
<b>Synonyms:</b>	CMM5, MSH-R, SHEP2
<b>SwissProt:</b>	Q01726
<b>IHC positive control:</b>	Human colon cancer and human gastric cancer
<b>IHC Recommend dilution:</b>	50-200

