

Product Information

Anti-Melanocortin 1 Receptor

produced in rabbit, affinity isolated antibody

Product Number **M9193**

Synonym: Anti-MC1R

Product Description

Anti-Melanocortin 1 Receptor is produced in rabbit using as immunogen a synthetic peptide conjugated to KLH. The peptide corresponds to the third cytoplasmic loop of human Melanocortin 1 Receptor. The antibody is affinity-purified using the immunizing peptide immobilized on agarose.

Anti-Melanocortin 1 Receptor specifically recognizes human melanocortin 1 receptor by immunohistochemistry in formalin-fixed, paraffin-embedded tissues. Not tested for other uses. The immunizing peptide has 88% homology with the mouse gene. Other species reactivity has not been confirmed.

Expression of melanocortin 1 receptor has been reported primarily in adrenal, skin, and testis. ESTs have been isolated from breast, placenta, and testis libraries.

Reagent

Supplied as a solution of 1 mg/ml in phosphate buffered saline containing $\leq 0.1\%$ sodium azide as a preservative.

Precautions and Disclaimer

This product is for R&D use only, not for drug, household, or other uses. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.

Storage/Stability

For continuous use, store at 2-8 °C for up to one month. For extended storage, freeze in working aliquots. Repeated freezing and thawing, or storage in "frost-free" freezers, is not recommended. If slight turbidity occurs upon prolonged storage, clarify the solution by centrifugation before use. Working dilution samples should be discarded if not used within 12 hours.

Product Profile

Immunohistochemistry: a working dilution of 2.5-7 $\mu\text{g}/\text{mL}$ is recommended using formalin-fixed paraffin-embedded sections of brain tissue.

Note: In order to obtain the best results and assay sensitivity in different techniques and preparations, we recommend determining optimal working dilutions by titration test.

This product is manufactured by MBL International Corporation.

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