

## Product Information

### Anti-CCR-1

produced in rabbit, affinity isolated antibody

Catalog Number **C2741**

Synonym: Anti-C-C Chemokine Receptor 1

#### Product Description

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

Anti-CCR-1 specifically recognizes human CCR-1 by immunohistochemistry with formalin-fixed, paraffin-embedded tissues. Not tested for other uses. The immunizing peptide has between 80 and 85% homology with the rat and mouse gene. Other species reactivity has not been confirmed.

CCR-1 is widely expressed, particularly in hematopoietic cells from blood, vessels, and bone marrow. This receptor has also been reported to be expressed in lung, brain, placenta, heart, skeletal muscle, and kidney. ESTs (Expressed Sequence Tags) have been isolated from blood, kidney, liver/spleen, lung, placenta, uterus, and vessel libraries.

#### Reagent

Supplied as a solution of 1 mg/ml in phosphate buffered saline, pH 7.7 containing 0.01% 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 minimum working concentration of 5 µg/ml is determined using human skeletal muscle.

**Note:** In order to obtain 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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