

Product Information

Anti-RANTES
antibody produced in chicken,
affinity isolated antibody

Catalog Number **GW21036**
Formerly listed as GenWay Catalog Number 15-288-21036,
Small inducible cytokine A5 Antibody.

Storage Temperature Store at -20 °C

Synonyms: Small inducible cytokine A5 (RANTES); T-cell specific protein p288, CCL5; T-cell-specific RANTES protein; SIS-delta; T cell-specific protein P228; TCP228

Product Description

Chemoattractant for blood monocytes, memory T-helper cells, and eosinophils. Causes the release of histamine from basophils and activates eosinophils. Binds to CCR1, CCR3, CCR4 and CCR5. One of the major HIV-suppressive factors produced by CD8+ T-cells. Recombinant RANTES protein induces a dose-dependent inhibition of different strains of HIV-1, HIV-2, and simian immunodeficiency virus (SIV). The processed form RANTES (3-68) acts as a natural chemotaxis inhibitor and is a more potent inhibitor of HIV-1-infection. The second processed form RANTES (4-68) exhibits reduced chemotactic and HIV-suppressive activity compared with RANTES (1-68) and RANTES (3-68) and is generated by an unidentified enzyme associated with monocytes and neutrophils.

NCBI Accession number: NP_002976.1
Swiss Prot Accession number: P13501

Gene Information: Human .. CCL5 (6352)

Immunogen: Recombinant protein Small inducible cytokine A5 (RANTES); T-cell specific protein p288

Immunogen Sequence: GI # 4506847, sequence 24 - 90

The product is a clear, colorless solution in phosphate buffered saline, pH 7.2, containing 0.02% sodium azide.

Species Reactivity: Human, mouse, rat

Tested Applications: ELISA, WB

Recommended Dilutions: Recommended starting dilution for Western blot analysis is 1:500, for tissue or cell staining 1:200.

Note: Optimal concentrations and conditions for each application should be determined by the user.

Precautions and Disclaimer

This product is for R&D use only, not for drug, household, or other uses. Due to the sodium azide content a material safety data sheet (MSDS) for this product has been sent to the attention of the safety officer of your institution. 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 week. For extended storage, store in -20 °C freezer in working aliquots. Repeated freezing and thawing, or storage in "frostfree" 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.

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