

Product Information

Anti-MIP-1 β
antibody produced in chicken,
affinity isolated antibody

Catalog Number **GW21035**

Formerly listed as GenWay Catalog Number 15-288-21035,
Small inducible cytokine A4 Antibody.

Storage Temperature Store at -20 °C

Synonyms: Chemokine C-C motif ligand 4 isoform 1, CCL4;
Macrophage inflammatory protein 1-beta; MIP-1-beta; MIP-
1-beta(1-69); T-cell activation protein 2; ACT-2; PAT 744;
H400; SIS-gamma; Lymphocyte activation gene 1 protein;
LAG-1; HC21; G-26 T-lymphocyte-secreted

Product Description

Monokine with inflammatory and chemokinetic properties.
Binds to CCR5. One of the major HIV-suppressive factors
produced by CD8+ T-cells. Recombinant MIP-1-beta
induces a dose-dependent inhibition of different strains of
HIV-1. HIV-2. and simian immunodeficiency virus (SIV). The
processed form MIP-1-beta(3-69) retains the abilities to
induce down-modulation of surface expression of the
chemokine receptor CCR5 and to inhibit the CCR5-
mediated entry of HIV-1 in T-cells. MIP-1-beta(3-69) is also a
ligand for CCR1 and CCR2 isoform B.

NCBI Accession number: NP_002975.1

Swiss Prot Accession number: P13236

Gene Information: Human .. CCL4 (6351)

Immunogen: Recombinant protein Chemokine C-C motif
ligand 4 isoform 1

Immunogen Sequence: GI # 4506845, sequence 27 - 92

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

Species Reactivity: Human

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.

LPG,MAM12/09-1

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