

Product Information

Anti-GRO1
antibody produced in chicken,
affinity isolated antibody

Catalog Number **GW21038**
Formerly listed as GenWay Catalog Number 15-288-21038,
Growth-regulated protein alpha Antibody.

Storage Temperature Store at -20 °C

Synonyms: Chemokine (C-X-C motif) ligand 1, CXCL1;
Melanoma growth stimulatory activity; MGSA; Neutrophil-
activating protein 3; NAP-3; GRO-alpha(1-73)

Product Description

Has chemotactic activity for neutrophils. May play a role in inflammation and exerts its effects on endothelial cells in an autocrine fashion. In vitro, the processed forms GRO-alpha (4-73), GRO-alpha (5-73) and GRO-alpha (6-73) show a 30-fold higher chemotactic activity. Chemokines are a group of small (approximately 8 to 14 kDa), mostly basic, structurally related molecules that regulate cell trafficking of various types of leukocytes through interactions with a subset of 7-transmembrane, G protein-coupled receptors. Chemokines also play fundamental roles in the development, homeostasis, and function of the immune system. They have effects on cells of the central nervous system as well as on endothelial cells involved in angiogenesis or angiostasis.

NCBI Accession number: NP_001502.1

Swiss Prot Accession number: P09341

Gene Information: Human .. CXCL1 (2919)

Immunogen: Recombinant protein Chemokine (C-X-C motif) ligand 1

Immunogen Sequence: GI # 4504153, sequence 35 - 107

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.

LPG,MAM12/09-1

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