

Anti-CXCL3 Picoband Antibody

Catalog # ABO12626

Product Information

Application	WB, E
Primary Accession	Q6W5C0
Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Format	Lyophilized
Description	Rabbit IgG polyclonal antibody for C-X-C motif chemokine 3(CXCL3) detection. Tested with WB, ELISA in Mouse.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Additional Information

Gene ID	330122
Other Names	C-X-C motif chemokine 3, Dendritic cell inflammatory protein 1, Cxcl3 {ECO:0000312 MGI:MGI:3037818}
Calculated MW	10686
Application Details	ELISA , 0.1-0.5 µg/ml, Mouse, - Western blot, 0.1-0.5 µg/ml, Mouse
Subcellular Localization	Secreted .
Source	Eukaryota
Protein Name	C-X-C motif chemokine 3
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Immunogen	E. coli-derived mouse GRO gamma recombinant protein (Position: S32-S100). Mouse GRO gamma shares 60.6% and 90.6% amino acid (aa) sequence identity with human and rat GRO gamma, respectively.
Purification	Immunogen affinity purified.
Cross Reactivity	No cross reactivity with other proteins
Storage	At -20 °C for one year. After reconstitution, at 4 °C for one month. It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.

Protein Information

Name	Cxcl3 {ECO:0000312 MGI:MGI:3037818}
Function	Ligand for CXCR2. Has chemotactic activity for neutrophils. May play a role in inflammation and exert its effects on endothelial cells in an autocrine fashion.
Cellular Location	Secreted {ECO:0000250 UniProtKB:Q10746}.

Background

Chemokine (C-X-C motif) ligand 3 (CXCL3), also known as GRO protein gamma (GROγ) and macrophage inflammatory protein-2-beta (MIP2b), is a small cytokine belonging to the CXC chemokine family. It is mapped to 14p2. CXCL3 controls migration and adhesion of monocytes and mediates its effects on its target cell by interacting with a cell surface chemokine receptor. It has been shown that CXCL3 regulates cell autonomously the migration of the precursors of cerebellar granule neurons toward the internal layers of cerebellum, during the morphogenesis of cerebellum. CXCL3 also play fundamental roles in the development, homeostasis and it has effects on cells of the central nervous system as well as on endothelial cells involved in angiogenesis or angiostasis.

Images



Western blot analysis of GRO gamma expression in mouse lung extract (lane 1) and mouse spleen extract (lane 2). GRO gamma at 25KD was detected using rabbit anti- GRO gamma Antigen Affinity purified polyclonal antibody (Catalog # ABO12626) at 0.5 μg/mL. The blot was developed using chemiluminescence (ECL) method .

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