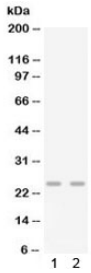
Gro gamma Antibody / Cxcl3 (R32424)

Catalog No.	Formulation	Size
R32424	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Mouse
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
UniProt	Q6W5C0
Applications	Western Blot : 0.1-0.5ug/ml ELISA : 0.1-0.5ug/ml (mouse protein tested); request BSA-free format for coating
Limitations	This Gro gamma antibody is available for research use only.



Western blot testing of 1) mouse lung and 2) mouse spleen lysate with Gro gamma antibody. Predicted molecular weight ~11 kDa, observed here at ~25 kDa.

Description

Chemokine (C-X-C motif) ligand 3 (CXCL3), also known as GRO protein gamma (GROg) 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.

Application Notes

Optimal dilution of the GRO gamma antibody should be determined by the researcher.

Immunogen

Amino acids S32-S100 from the mouse protein were used as the immunogen for the Gro gamma antibody.

Storage

After reconstitution, the Gro gamma antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.