

Anti-GRO gamma/CXCL3 Antibody Picoband® FITC Conjugated

Catalog Number: PB9941-FITC

About CXCL3

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.

Overview

Product Name	Anti-GRO gamma/CXCL3 Antibody Picoband® FITC Conjugated
Reactive Species	Mouse
Application	Flow Cytometry
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na2HPO4, 0.02% NaN3.
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Rabbit
Uniprot ID	Q6W5C0

Technical Details

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.
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	FITC Excitation Wavelength: 495 nm Emission Wavelength: 525 nm

Suggested Dilutions

Flow Cytometry, Optimal dilutions should be determined by end users.

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