Datasheet for ABIN4951253

anti-GRO gamma antibody

1 Image

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Overview

Quantity:	100 µg
Target:	GRO gamma
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GRO gamma antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Amino acids S32-S100 from the mouse protein were used as the immunogen for the Gro gamma antibody.
Isotype:	IgG
Purification:	Antigen affinity

Target Details

Target:	GRO gamma
Alternative Name:	Gro gamma / Cxcl3 (GRO gamma Products)
Background:	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.

Target Details

	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.
UniProt:	Q6W5C0

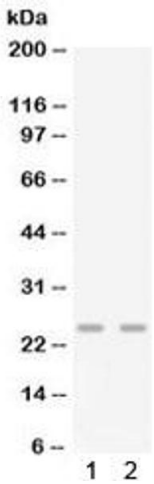
Application Details

Application Notes:	Optimal dilution of the GRO gamma antibody should be determined by the researcher.\. Western blot: 0.1-0.5 µg/mL,ELISA: 0.1-0.5 µg/mL
Restrictions:	For Research Use only

Handling

Buffer:	0.5 mg/mL if reconstituted with 0.2 mL sterile DI water
Storage:	-20 °C
Storage Comment:	After reconstitution, the Gro gamma antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

Images



Western Blotting

Image 1. 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.