

Datasheet for ABIN7433837
anti-CXCL2 antibody (AA 34-107)[Go to Product page](#)

3 Images

Overview

Quantity:	100 µL
Target:	CXCL2
Binding Specificity:	AA 34-107
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CXCL2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunohistochemistry (IHC), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Chemokine (C-X-C Motif) Ligand 2 (CXCL2)
Immunogen:	Recombinant Chemokine (C-X-C Motif) Ligand 2 (CXCL2) corresponding to Gly34~Asn107 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against CXCL2. It has been selected for its ability to recognize CXCL2 in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	CXCL2
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Target Details

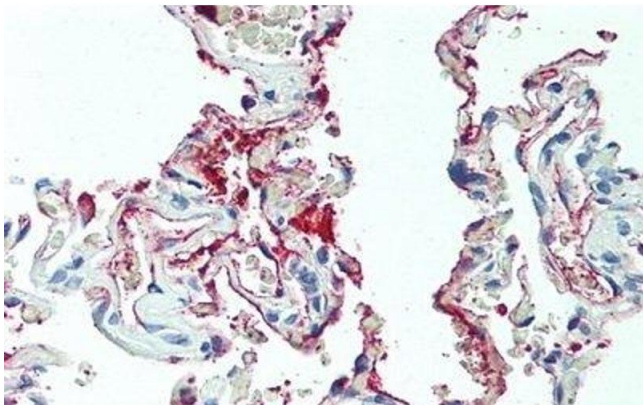
Alternative Name:	Chemokine (C-X-C Motif) Ligand 2 (CXCL2 Products)
Background:	GROb, SCYB2, MIP2, GRO2, MIP2a, MGSAb, CINC2a, HSF, Macrophage inflammatory protein 2-alpha, Hematopoietic synergistic factor, Growth Regulated Oncogene Beta
Pathways:	Cellular Response to Molecule of Bacterial Origin

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

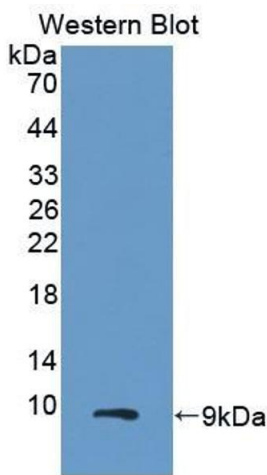
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



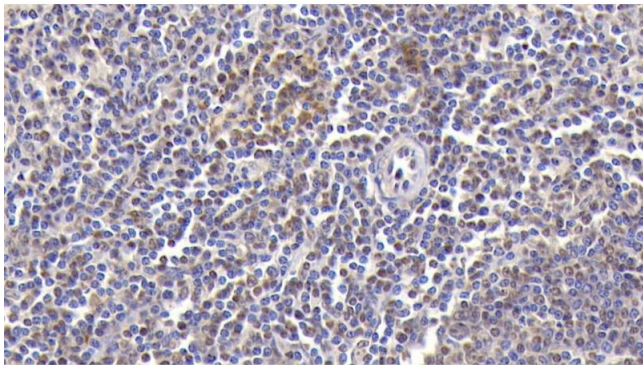
Immunohistochemistry

Image 1. Detection of CXCL2 in Human Lung Tissue using Polyclonal Antibody to Chemokine (C-X-C Motif) Ligand 2 (CXCL2)



Western Blotting

Image 2. Detection of Recombinant GROb, Human using Polyclonal Antibody to Chemokine (C-X-C Motif) Ligand 2 (CXCL2)



Immunohistochemistry

Image 3. Detection of CXCL2 in Human Spleen Tissue using Polyclonal Antibody to Chemokine (C-X-C Motif) Ligand 2 (CXCL2)