

Datasheet for ABIN7427042
anti-CXCL1 antibody (AA 25-96)

2 Images

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Overview

Quantity:	100 µL
Target:	CXCL1
Binding Specificity:	AA 25-96
Reactivity:	Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CXCL1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Chemokine (C-X-C Motif) Ligand 1 (CXCL1)
Immunogen:	Recombinant Chemokine (C-X-C Motif) Ligand 1 (CXCL1) corresponding to Ala25~Lys96 (Accession # P14095)
Clone:	A3
Isotype:	IgG2b kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against CXCL1. It has been selected for its ability to recognize CXCL1 in immunohistochemical staining and western blotting.
Purification:	Protein A + Protein G affinity chromatography

Target Details

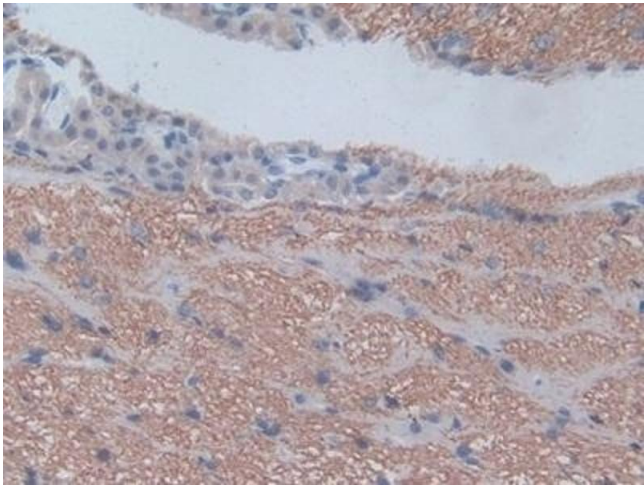
Target:	CXCL1
Alternative Name:	Chemokine (C-X-C Motif) Ligand 1 (CXCL1 Products)
Background:	NAP3, GRO1, GROa, GRO-A, MGSA-A, NAP3, SCYB1, Chemokine C-X-C-Motif Ligand 1, Melanoma Growth Stimulating Activity Alpha, Fibroblast Secretory Protein
Pathways:	Autophagy

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:500-2000 Immunohistochemistry: 5-20 µg/mL 1:50-200 Immunocytochemistry: 5-20 µg/mL 1:50-200 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

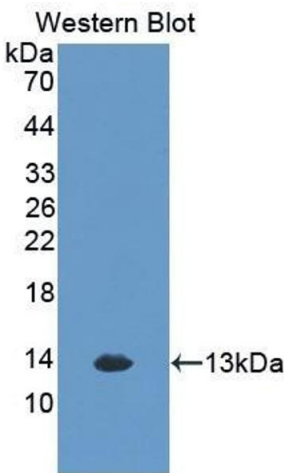
Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: 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 CXCL1 in Rat Cerebrum Tissue using Monoclonal Antibody to Chemokine (C-X-C Motif) Ligand 1 (CXCL1)



Western Blotting

Image 2. Detection of Recombinant NAP3, Rat using Monoclonal Antibody to Chemokine (C-X-C Motif) Ligand 1 (CXCL1)