

Datasheet for ABIN570982
anti-CXCL2 antibody (C-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	CXCL2
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This CXCL2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	CXCL2 / MIP-2
Immunogen:	Peptide with sequence C-KKIIIEKMLKNGKSN, from the C Terminus of the protein sequence according to NP_002080.1.
Sequence:	KKIIIEKMLKN GKSN
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	CXCL2
Alternative Name:	CXCL2 (CXCL2 Products)
Background:	CXCL2, chemokine (C-X-C motif) ligand 2, CINC-2a, GRO2, GROb, MGSA-b, MIP-2a, MIP2, MIP-2, MIP2A, SCYB2, GRO2 oncogene, MGSA beta, melanoma growth stimulatory activity beta, Macrophage Inflammatory Protein-2
Gene ID:	2920
NCBI Accession:	NP_002080
Pathways:	Cellular Response to Molecule of Bacterial Origin

Application Details

Application Notes:	Western Blot: Approx 15 kDa band observed in in lysates of cell line Daudi (calculated MW of 11.4 kDa according to NP_002080.1). Recommended concentration: 0.03-0.1 µg/mL. Approx 17Da band observed in Human Duodenum lysates (calculated MW of 11.4 kDa according to NP_002080.1). Peptide ELISA: antibody detection limit dilution 1:32000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

Image 1. ABIN570982 (0.2µg/ml) staining of Human Duodenum lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence