




Product datasheet

Anti-CXCL2 antibody ab91511

[6 References](#) [2 Images](#)

Overview

Product name	Anti-CXCL2 antibody
Description	Goat polyclonal to CXCL2
Host species	Goat
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human Predicted to work with: Cynomolgus monkey 
Immunogen	Synthetic peptide corresponding to Human CXCL2 aa 94-107 (C terminal). Synthetic peptide: C-KKIIIEKMLKNGKSN , corresponding to C terminal amino acids 94-107 of Human GRO beta (NP_002080.1). Sequence: C-KKIIIEKMLKNGKSN <div>  Run BLAST with  Run BLAST with </div>
Positive control	Recombinant Human CXCL2 protein (ab84204) can be used as a positive control in WB. Human duodenum lysate
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
Storage buffer	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 0.5% Tris buffered saline, 0.5% BSA
Purity	Immunogen affinity purified

Purification notes	ab91511 was purified from goat serum by ammonium sulphate precipitation, followed by antigen affinity chromatography using the immunizing peptide.
Clonality	Polyclonal
Isotype	IgG

Applications

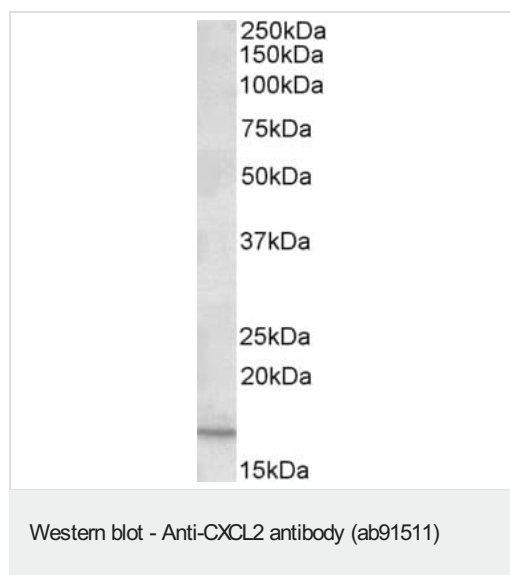
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab91511 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 0.03 - 0.1 µg/ml. Detects a band of approximately 17 kDa (predicted molecular weight: 11 kDa). 1 hour primary incubation is recommended for this product.

Target

Function	Produced by activated monocytes and neutrophils and expressed at sites of inflammation. Hematopoietic chemokine, which, in vitro, suppresses hematopoietic progenitor cell proliferation. GRO-beta(5-73) shows a highly enhanced hematopoietic activity.
Sequence similarities	Belongs to the intercrine alpha (chemokine CxC) family.
Post-translational modifications	The N-terminal processed form GRO-beta(5-73) is produced by proteolytic cleavage after secretion from bone marrow stromal cells.
Cellular localization	Secreted.

Images



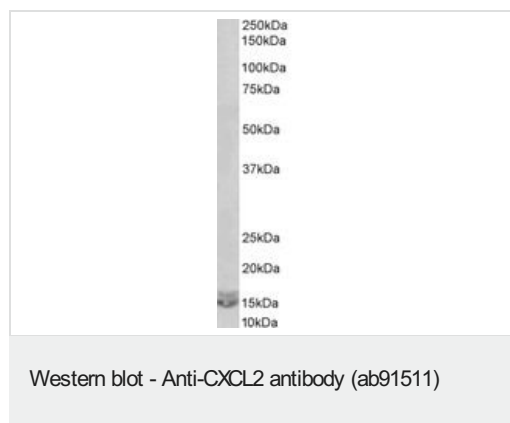
Anti-CXCL2 antibody (ab91511) at 0.2 µg/ml + Human duodenum lysate at 35 µg

Developed using the ECL technique.

Predicted band size: 11 kDa

Observed band size: 17 kDa

Exposure time: 1 hour



ab91511 (0.03µg/ml) staining of Daudi lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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