

Anti-CXCL5 antibody ab18134

1 References

Overview

Product name	Anti-CXCL5 antibody
Description	Rabbit polyclonal to CXCL5
Host species	Rabbit
Specificity	Specific for mouse lipopolysaccharide induced CXC chemokine (LIX).
Tested applications	Suitable for: ELISA, WB
Species reactivity	Reacts with: Mouse
Immunogen	Recombinant full length protein corresponding to Mouse CXCL5. Database link: P50228
General notes	<p>Mouse CXCL5 is the equivalent of human CXCL6 based on genetic and biological evidence as pointed out by Nomiya et al. (PMID: 20434943).</p> <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. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	Constituent: PBS
Purity	Protein A purified
Purification notes	Purified by affinity chromatography.
Clonality	Polyclonal
Isotype	IgG

Applications

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab18134 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
ELISA		Use a concentration of 0.5 - 2 µg/ml. The detection limit is 0.2-0.4ng/well of recombinant mouse LIX
WB		Use a concentration of 0.1 - 0.2 µg/ml. Predicted molecular weight: 14 kDa.

Target

Function	May participate in the recruitment of inflammatory cells by injured or infected tissue. GCP-2(1-78) and, more potent, GCP-2(9-78) attract neutrophils and are involved in neutrophil activation.
Sequence similarities	Belongs to the intercrine alpha (chemokine CxC) family.
Post-translational modifications	GCP-2(1-78) and GCP-2(9-78) are produced by proteolytic cleavage after secretion from fibroblasts and epithelial cells. GCP-2(9-78) is the most prominent form. A number of additional N-terminal (processed between pos. 41 and 48) and C-terminal (processed between pos. 118 and 132) processed forms have been identified, probably also representing intermediate states.
Cellular localization	Secreted.

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