

bs-0341R**[Primary Antibody]****CXCR3 Rabbit pAb****Bioss**
ANTIBODIES

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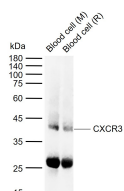
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DATASHEET

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		Reactivity: Human, Mouse, Rat (predicted: Rabbit, Pig, Cow, Dog, GuineaPig)
GeneID: 2833	SWISS: P49682	
Target: CXCR3		Predicted MW.: 41 kDa
Immunogen: KLH conjugated synthetic peptide derived from human CXCR3: 1-100/415. < Extracellular >		Subcellular Location: Cell membrane
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: This gene encodes a G protein-coupled receptor with selectivity for three chemokines, termed CXCL9/Mig (monokine induced by interferon-g), CXCL10/IP10 (interferon-g-inducible 10 kDa protein) and CXCL11/I-TAC (interferon-inducible T cell a-chemoattractant). Binding of chemokines to this protein induces cellular responses that are involved in leukocyte traffic, most notably integrin activation, cytoskeletal changes and chemotactic migration. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. One of the isoforms (CXCR3-B) shows high affinity binding to chemokine, CXCL4/PF4 (PMID:12782716). [provided by RefSeq, Jun 2011].		

VALIDATION IMAGES

Sample: Lane 1: Mouse Blood cell tissue lysates

Lane 2: Rat Blood cell tissue lysates Primary:

Anti-CXCR3 (bs-0341R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at

1/20000 dilution Predicted band size: 40 kDa

Observed band size: 40 kDa

SELECTED CITATIONS

- **[IF=9.9]** Lei Yao. et al. Ginsenoside Rh4 alleviates idiopathic pulmonary fibrosis by enhancing the CXCL9–CXCR3 axis. Food Frontiers. 2024 Mar;; WB ;Mouse. 10.1002/fft2.388
- **[IF=3.647]** Hu Sun. et al. Study on the relationship between CXCR3 and its ligands and tubal tuberculosis. Life Sci. 2021 May;272:119047 IHC ;Human. 33454369
- **[IF=2.6]** Bin Zhou. et al. Exosomal miR-25 from Mesenchymal stem cells inhibits T cells migration and Alleviates Type 1 diabetes mellitus by Targeting CXCR3 models. GENE. 2024 Nov;;149098 IHC ;Mouse. 39547359
- **[IF=2.495]** Xin Hu. et al. The role of CXCR3 and its ligands expression in Brucellar spondylitis. BMC Immunol. 2020 Dec;21(1):1-8 IHC ;Human. 33208100

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

- **[IF=1.785]** Xiaoqian Shang. et al. Diagnostic value of CXCR3 and its ligands in spinal tuberculosis. Exp Ther Med. 2021 Jan;21(1):1-1 IHC ;Human. 33365073