

**bs-2209R****[ Primary Antibody ]****CXCR3 Rabbit pAb****Bioss**  
**ANTIBODIES**

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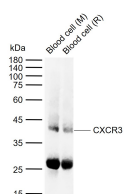
sales@bioss.com.cn

techsupport@bioss.com.cn

400-901-9800

**— DATASHEET —**

<b>Host:</b> Rabbit <b>Clonality:</b> Polyclonal <b>Target:</b> CXCR3 <b>Immunogen:</b> KLH conjugated synthetic peptide derived from mouse CXCR3: 301-367/367. <b>Purification:</b> affinity purified by Protein A <b>Concentration:</b> 1mg/ml <b>Storage:</b> 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. <b>Background:</b> 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].	<b>Isotype:</b> IgG <b>Applications:</b> WB (1:500-2000) <b>Reactivity:</b> Human, Mouse, Rat (predicted: Rabbit, Pig, Cow, Dog, GuineaPig) <b>Predicted MW.:</b> 40 kDa <b>Subcellular Location:</b> Cell membrane
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**— VALIDATION IMAGES —**

Sample: Lane 1: Mouse Blood cell tissue lysates

Lane 2: Rat Blood cell tissue lysates Primary:

Anti-CXCR3 (bs-2209R) 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=13.751]** Allison A Fitzgerald. et al. DPP inhibition alters the CXCR3 axis and enhances NK and CD8+ T cell infiltration to improve anti-PD1 efficacy in murine models of pancreatic ductal adenocarcinoma. J Immunother Cancer. 2021 Nov;9(11):e002837 IHC ;Mouse. 34737215
- **[IF=5.94]** Saxena, Amit, et al. "CXCR3-independent actions of the CXC chemokine CXCL10 in the infarcted myocardium and in isolated cardiac fibroblasts are mediated through proteoglycans." Cardiovascular Research (2014): cvu138. Other ;="Mouse". 24891401
- **[IF=5.51]** Baur et al. The Transcription Factor NFATc1 Supports the Rejection of Heterotopic Heart Allografts. (2018) Front.Immunol. 9:1338 IHC ;Mouse. 29946322
- **[IF=4.88]** Massafra, Vittoria, et al. "Splenic dendritic cell involvement in FXR-mediated amelioration of DSS colitis."

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

Biochimica et Biophysica Acta (BBA)-Molecular Basis of Disease (2015). IHC ;="Mouse". 26554605

- **[IF=4.2]** Ge, L. P., et al. "Integration of nondegradable polystyrene and degradable gelatin in a core–sheath nanofibrous patch for pelvic reconstruction." International Journal of Nanomedicine 2015;10 3193–3201 IHC ;="Rat". 25995629