

**bs-0780R****[ Primary Antibody ]****IL-8/CXCL8 Rabbit pAb****BioSS**  
**ANTIBODIES**

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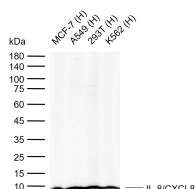
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**DATASHEET**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> <b>WB</b> (1:500-2000) <b>ELISA</b> (1:5000-10000)
<b>Clonality:</b> Polyclonal		
<b>GeneID:</b> 3576	<b>SWISS:</b> P10145	<b>Reactivity:</b> Human (predicted: Rabbit, Pig, Sheep, Cow)
<b>Target:</b> IL-8/CXCL8		
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human IL-8: 31-99/99.		
<b>Purification:</b> affinity purified by Protein A		<b>Predicted MW.:</b> 8/9 kDa
<b>Concentration:</b> 1mg/ml		<b>Subcellular Location:</b> Secreted
<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> The protein encoded by this gene is a member of the CXC chemokine family. This chemokine is one of the major mediators of the inflammatory response. This chemokine is secreted by several cell types. It functions as a chemoattractant, and is also a potent angiogenic factor. This gene is believed to play a role in the pathogenesis of bronchiolitis, a common respiratory tract disease caused by viral infection. This gene and other ten members of the CXC chemokine gene family form a chemokine gene cluster in a region mapped to chromosome 4q. [provided by RefSeq, Jul 2008]		

**VALIDATION IMAGES**

Sample: Lane 1: Human MCF-7 cell lysates Lane 2: Human A549 cell lysates Lane 3: Human 293T cell lysates Lane 4: Human K562 cell lysates  
Primary: Anti-IL-8/CXCL8 (bs-0780R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 8/9 kDa Observed band size: 10 kDa

**SELECTED CITATIONS**

- **[IF=12.771]** Yuliani, Fara Silvia. et al. Thrombin induces IL-8/CXCL8 expression by DCLK1-dependent RhoA and YAP activation in human lung epithelial cells. J BIOMED SCI. 2022 Dec;29(1):1-22 IHC,IF ;Human. 36369000
- **[IF=11.33]** Zhang, Tao, et al. "CXCL1 mediates obesity-associated adipose stromal cell trafficking and function in the tumour microenvironment." Nature Communications 7 (2016). IF ;="Human". 27241286
- **[IF=10.19]** Xingliang Dai. et al. Crosstalk between microglia and neural stem cells influences the relapse of glioblastoma in GBM immunological microenvironment. CLIN IMMUNOL. 2023 Jun;251:109333 IHC ;Human. 37088298
- **[IF=8.2]** Di Yan. et al. CXCR2, as a key regulatory gene of HDP-PG-1, maintains intestinal mucosal homeostasis. INT J BIOL MACROMOL. 2024 Jun;269:132025 WB ;Pig. 38704076
- **[IF=7.129]** Yu Xia. et al. Ferric citrate-induced colonic mucosal damage associated with oxidative stress, inflammation

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

responses, apoptosis, and the changes of gut microbial composition. ECOTOX ENVIRON SAFE. 2023 Jan;249:114364 WB  
;Mouse. 36508806