bs-0780R

[Primary Antibody]

BIOSS ANTIBODIES

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IL-8/CXCL8 Rabbit pAb

- DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

GenelD: 3576 **SWISS:** P10145

Target: IL-8/CXCL8

Immunogen: KLH conjugated synthetic peptide derived from human IL-8:

31-99/99.

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: 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]

Applications: WB (1:500-2000)

ELISA (1:5000-10000)

Reactivity: Human (predicted: Rabbit,

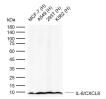
Pig, Sheep, Cow)

Predicted ,

MW.: ^{8/9 kDa}

Subcellular Location: Secreted

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

| VIOU3C. 30300000 | esponses, apoptosis, and the changes of gut microbial composition. ECOTOX ENVIRON SAFE. 2023 Jan;249:114364 $ m V$ | | | | | |
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