

bs-2549R**[Primary Antibody]****CXCL5 Rabbit pAb****Bioss**
ANTIBODIES

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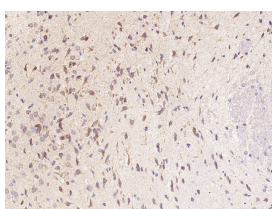
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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500)
Clonality: Polyclonal		IHC-F (1:100-500)
GeneID: 20311	SWISS: P50228	IF (1:100-500)
Target: CXCL5		Reactivity: Rat (predicted: Mouse)
Immunogen: KLH conjugated synthetic peptide derived from mouse CXCL5: 51-132/132.		
Purification: affinity purified by Protein A		Predicted MW.: 8/9 kDa
Concentration: 1mg/ml		Subcellular Location: Secreted
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 an inflammatory chemokine that belongs to the CXC chemokine family. This chemokine is produced concomitantly with interleukin-8 (IL8) in response to stimulation with either interleukin-1 (IL1) or tumor necrosis factor-alpha (TNFA). This chemokine is a potent chemotaxin involved in neutrophil activation. [provided by RefSeq].		

— VALIDATION IMAGES —

Paraformaldehyde-fixed, paraffin embedded (Rat brain); Antigen retrieval by microwave in sodium citrate buffer (pH6.0) ; Block endogenous peroxidase by 3% hydrogen peroxide for 30 minutes; Blocking buffer (3% BSA) at RT for 30min; Antibody incubation with (CXCL5) Polyclonal Antibody, Unconjugated (bs-2549R) at 1:400 overnight at 4°C, followed by conjugation to the secondary antibody (labeled with HRP) and DAB staining.

— SELECTED CITATIONS —

- **[IF=21.95]** Shi L et al. A Self - Pumping Dressing for Draining Excessive Biofluid around Wounds. Adv Mater. 2019 Feb;31(5):e1804187. IHC ;Rat. 30537340
- **[IF=20.011]** Wang G et al. Targeting YAP-Dependent MDSC Infiltration Impairs Tumor Progression. (2016) Cancer.Disco. 6:80-95 IHC ;Mouse. 26701088
- **[IF=13]** Saito Yohei. et al. Targeting a chemo-induced adaptive signaling circuit confers therapeutic vulnerabilities in pancreatic cancer. CELL DISCOV. 2024 Oct;10(1):1-20 WB,IHC ;Mouse,Human. 39468013
- **[IF=10.753]** Xin Ge. et al. Epigenetic alterations of CXCL5 in Cr(VI)-induced carcinogenesis. SCI TOTAL ENVIRON. 2022 Jun;:155713 IHC ;Mouse. 35660107
- **[IF=9.995]** Qicong Luo. et al. Apatinib remodels the immunosuppressive tumor ecosystem of gastric cancer enhancing

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

anti-PD-1 immunotherapy. CELL REP. 2023 Apr 24;42(5):112437 IHC ;Mouse. 37097818