

## CXCL5 Antibody (monoclonal) (M03)

Mouse monoclonal antibody raised against a full length recombinant CXCL5.

Catalog # AT1693a

### Product Information

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<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">P42830</a>
<b>Other Accession</b>	<a href="#">BC008376</a>
<b>Reactivity</b>	Human
<b>Host</b>	mouse
<b>Clonality</b>	monoclonal
<b>Isotype</b>	IgG1 lambda
<b>Clone Names</b>	M1
<b>Calculated MW</b>	11972

### Additional Information

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<b>Gene ID</b>	6374
<b>Other Names</b>	C-X-C motif chemokine 5, ENA-78(1-78), Epithelial-derived neutrophil-activating protein 78, Neutrophil-activating peptide ENA-78, Small-inducible cytokine B5, ENA-78(8-78), ENA-78(9-78), CXCL5, ENA78, SCYB5
<b>Target/Specificity</b>	CXCL5 (AAH08376, 1 a.a. ~ 114 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Dilution</b>	WB~~1:500~1000 E~~N/A
<b>Format</b>	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Precautions</b>	CXCL5 Antibody (monoclonal) (M03) is for research use only and not for use in diagnostic or therapeutic procedures.

### Background

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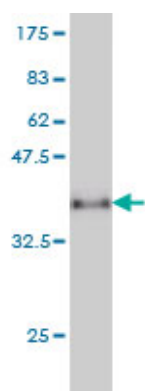
The protein encoded by this gene is an inflammatory chemokine that belongs to the CXC chemokine family. This chemokine is produced concomitantly with interleukin-8 (IL8) in response to stimulation with either interleukin-1 (IL1) or tumor necrosis factor-alpha (TNFA). This chemokine is a potent chemotaxin involved in neutrophil activation.

### References

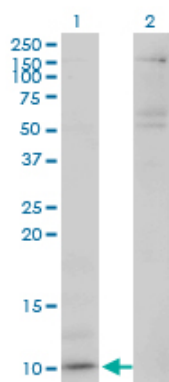
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Interleukin-9 polymorphism in infants with respiratory syncytial virus infection: an opposite effect in boys and girls. Schuurhof A, et al. *Pediatr Pulmonol*, 2010 Jun. PMID 20503287. Elevated serum chemokine CXC ligand 5 levels are associated with hypercholesterolemia but not a worsening of insulin resistance in Chinese people. Yang Z, et al. *J Clin Endocrinol Metab*, 2010 Aug. PMID 20501684. [Association of ENA-78, IP-10 and VEGF gene polymorphism with idiopathic pulmonary fibrosis] Liu L, et al. *Zhonghua Yi Xue Za Zhi*, 2009 Oct 20. PMID 20137269. The Ron receptor tyrosine kinase positively regulates angiogenic chemokine production in prostate cancer cells. Thobe MN, et al. *Oncogene*, 2010 Jan 14. PMID 19838218. CD44v6, MMP-7 and nuclear Cdx2 are significant biomarkers for prediction of lymph node metastasis in primary gastric cancer. Okayama H, et al. *Oncol Rep*, 2009 Oct. PMID 19724852.

## Images

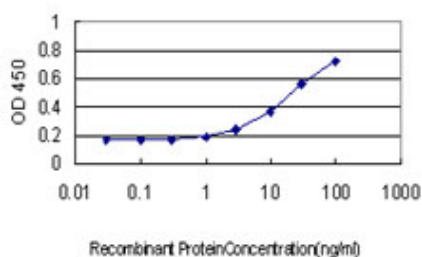


Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (38.28 KDa) .



Western Blot analysis of CXCL5 expression in transfected 293T cell line by CXCL5 monoclonal antibody (M03), clone M1.

Lane 1: CXCL5 transfected lysate (12 KDa).  
Lane 2: Non-transfected lysate.



Detection limit for recombinant GST tagged CXCL5 is approximately 1 ng/ml as a capture antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.