

CXCL5 Antibody (monoclonal) (M03)**Mouse monoclonal antibody raised against a full length recombinant CXCL5.****Catalog # AT1693a****Specification**

CXCL5 Antibody (monoclonal) (M03) - Product Information

Application	WB, E
Primary Accession	P42830
Other Accession	BC008376
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG1 lambda
Calculated MW	11972

CXCL5 Antibody (monoclonal) (M03) - Additional Information**Gene ID** 6374**Other Names**

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

Target/Specificity

CXCL5 (AAH08376, 1 a.a. ~ 114 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

E~~N/A

Format

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions

CXCL5 Antibody (monoclonal) (M03) is for research use only and not for use in diagnostic or therapeutic procedures.

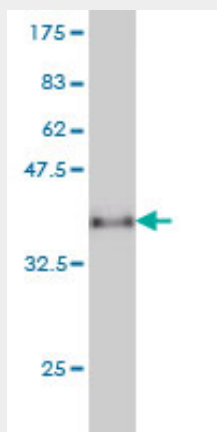
CXCL5 Antibody (monoclonal) (M03) - Protocols

Provided below are standard protocols that you may find useful for product applications.

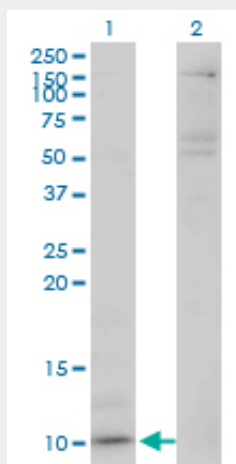
- [Western Blot](#)

- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CXCL5 Antibody (monoclonal) (M03) - Images



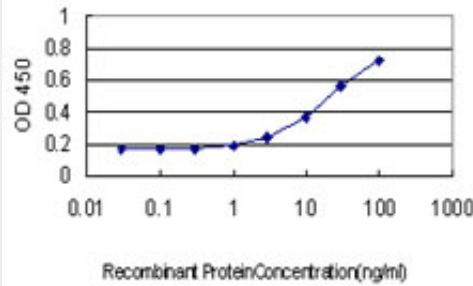
Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (38.28 KDa) .



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 1ng/ml as a capture antibody.

CXCL5 Antibody (monoclonal) (M03) - 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.

CXCL5 Antibody (monoclonal) (M03) - References

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.