10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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

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

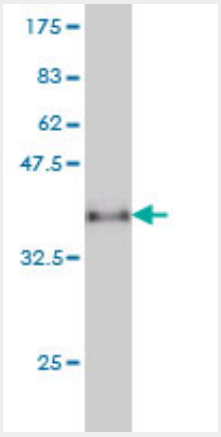
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides

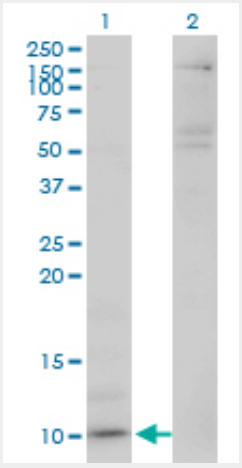
10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

CXCL5 Antibody (monoclonal) (M03) - Images



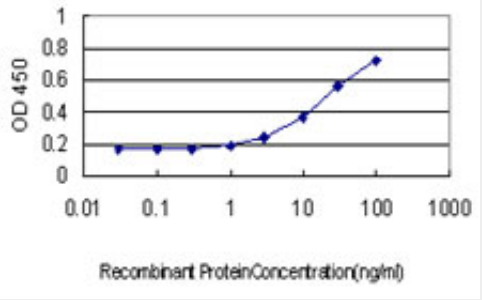
Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (38.28 KDa) .



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.

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999



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.