

# CXCL5 Antibody (monoclonal) (M05)

Mouse monoclonal antibody raised against a full length recombinant CXCL5. Catalog # AT1694a

### **Product Information**

Application	WB, IHC
Primary Accession	<u>P42830</u>
Other Accession	<u>BC008376</u>
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 Kappa
Clone Names	S5
Calculated MW	11972

### **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 IHC~~1:100~500
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) (M05) is for research use only and not for use in diagnostic or therapeutic procedures.

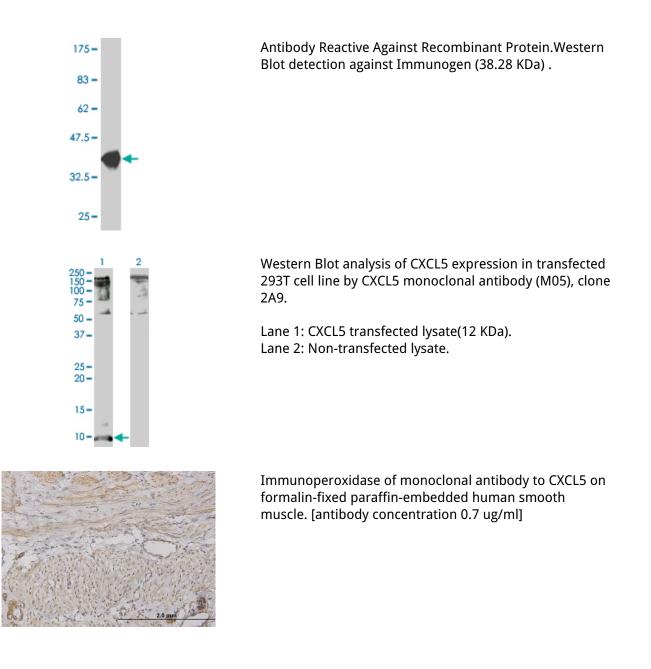
### Background

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.

### References

1.CXCL5 knockdown expression inhibits human bladder cancer T24 cells proliferation and migration.Zheng J, Zhu X, Zhang JBiochem Biophys Res Commun. 2014 Feb 26. pii: S0006-291X(14)00215-0. doi: 10.1016/j.bbrc.2014.01.172.2.Overexpression of CXCL5 mediates neutrophil infiltration and indicates poor prognosis for hepatocellular carcinoma.Zhou SL, Dai Z, Zhou ZJ, Wang XY, Yang GH, Wang Z, Huang XW, Fan J, Zhou J.Hepatology. 2012 Jun 18. doi: 10.1002/hep.25907.3.CXCL5 contributes to tumour metastasis and recurrence of intrahepatic cholangiocarcinoma by recruiting infiltrative intratumoural neutrophils.Zhou SL, Dai Z, Zhou ZJ, Chen Q, Wang Z, Xiao YS, Hu ZQ, Huang XY, Yang GH, Shi YH, Qiu SJ, Fan J, Zhou JCarcinogenesis. 2013 Nov 30.

### Images



## Citations

• CXCL5 is a potential diagnostic and prognostic marker for bladder cancer patients.

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