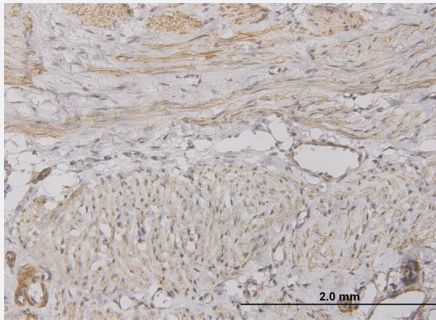


CXCL5 monoclonal antibody (M05), clone 2A9

Catalog # H00006374-M05

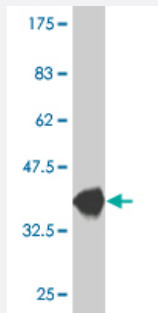
Size 50 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to CXCL5 on formalin-fixed paraffin-embedded human smooth muscle. [antibody concentration 0.7 ug/ml]



Western Blot detection against Immunogen (38.28 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant CXCL5.
Immunogen	CXCL5 (AAH08376, 1 a.a. ~ 114 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MSLLSSRAARVPGPSSSLCALLVLLLLLTQPGPIASAGPAAAVLRELRCVCLQTTQGVPKPMISNLQVFAIGPQCSKVEVVASLKGKEICLDPEAPFLRKVIQKILDGGNKEN
Host	Mouse
Reactivity	Human
Isotype	IgG1 Kappa

Quality Control Testing

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

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

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

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to CXCL5 on formalin-fixed paraffin-embedded human smooth muscle. [antibody concentration 0.7 ug/ml]

[Protocol Download](#)

- ELISA

Gene Info — CXCL5

Entrez GeneID

[6374](#)

GeneBank Accession#

[BC008376](#)

Protein Accession#

[AAH08376](#)

Gene Name

CXCL5

Gene Alias

ENA-78, SCYB5

Gene Description

chemokine (C-X-C motif) ligand 5

Omim ID

[600324](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

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]

Other Designations

epithelial-derived neutrophil activating protein 78|epithelial-derived neutrophil-activating peptide 78|neutrophil-activating peptide ENA-78|neutrophil-activating protein 78|small inducible cytokine B5|small inducible cytokine subfamily B (Cys-X-Cys), mem

Publication Reference

- [CXCL5 knockdown expression inhibits human bladder cancer T24 cells proliferation and migration.](#)

Zheng J, Zhu X, Zhang J.

Biochemical and Biophysical Research Communications 2014 Mar; 446(1):18.

Application: WB, Human, T24 cells, Bladder carcinoma

- [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 J.

Carcinogenesis 2014 Mar; 35(3):597.

Application: IF, WB-Ce, WB-Ti, Human, HIBEpIC, HCCC-9810, HuH-28, RBE cells, Intrahepatic cholangiocarcinoma

- [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 Dec; 56(6):2242.

Application: IF, WB-Ce, WB-Tr, Human, HepG2, PLC/PRF/5, Huh7, MHCC97L, MHCC97H, HCCLM3 cells

Pathway

- [Chemokine signaling pathway](#)
- [Cytokine-cytokine receptor interaction](#)

Disease

- [Asthma](#)
- [Bronchiolitis](#)
- [Colorectal Neoplasms](#)
- [Diabetes Mellitus](#)

- [Erythema Nodosum](#)
- [Genetic Predisposition to Disease](#)
- [Idiopathic Pulmonary Fibrosis](#)
- [Infant](#)
- [Inflammation](#)
- [Respiratory Syncytial Virus Infections](#)
- [Sarcoidosis](#)
- [Severe Acute Respiratory Syndrome](#)