CXCL9 polyclonal antibody

Catalog # PAB19516 Size 100 ug

Applications



Western Blot (Recombinant protein)

Western blot analysis of recombinate human CXCL9 protein with CXCL9 polyclonal antibody (Cat # PAB19516). Lane 1, 10 ng. Lane 2, 5 ng. Lane 3, 2.5 ng.



Immunohistochemistry (Formalin/PFA-fixed paraffinembedded sections)

Immunohistochemical staining of paraffin-embedded human lung cancer tissue section with CXCL9 polyclonal antibody (Cat # PAB19516).

Specification	
Product Description	Rabbit polyclonal antibody raised against synthetic peptide of CXCL9.
Immunogen	A synthetic peptide corresponding to amino acids at N-terminus of human CXCL9.
Host	Rabbit
Reactivity	Human
Specificity	It identical to the rat and mouse sequences.
Form	Lyophilized

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Product Information

Purification	Immunoaffinity purification
lsotype	lgG
Recommend Usage	Western Blot (1 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ (5 mg BSA, 0.05 mg sodium azide, 0.05 mg Thimer osal)
Storage Instruction	Store at -20°C on dry atmosphere. After reconstitution with 200 uL of deionized water and concentration will be 500 ug/mL, store at -20° C or lower. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide and thimerosal: POISONOUS AND HAZARDOUS SUBSTANC E which should be handled by trained staff only.

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Gene Info — CXCL9	
Entrez GenelD	4283
Gene Name	CXCL9
Gene Alias	CMK, Humig, MIG, SCYB9, crg-10
Gene Description	chemokine (C-X-C motif) ligand 9
Omim ID	<u>601704</u>
Gene Ontology	<u>Hyperlink</u>



Product Information

Gene Summary

The function of this gene has not been specifically defined; however, it is thought to be involved in T cell trafficking. This gene has been localized to 4q21 with INP10, which is also a member of the chemokine family of cytokines. [provided by RefSeq

Other Designations

monokine induced by gamma interferon|small inducible cytokine B9

Pathway

- Chemokine signaling pathway
- Cytokine-cytokine receptor interaction
- Toll-like receptor signaling pathway

Disease

- Asthma
- Bronchiolitis
- Colitis
- <u>Coronary Artery Disease</u>
- <u>Crohn Disease</u>
- Diabetes Mellitus
- Genetic Predisposition to Disease
- Infant
- Inflammatory Bowel Diseases
- Ovarian Neoplasms
- <u>Respiratory Syncytial Virus Infections</u>
- Severe Acute Respiratory Syndrome