



Rabbit Anti-CXCL10/IP10 antibody

SL23238R

Product Name:	CXCL10/IP10
Chinese Name:	CXCL10Chemokine10/Interferon诱导蛋白10抗体
Alias:	10 kDa interferon gamma induced protein; C7; Chemokine (C X C motif) ligand 10; Chemokine CXC motif ligand 10; Crg 2; CRG2; CXCL 10; CXCL10; Gamma IP10; gIP 10; GIP10; IFI 10; IFI10; INP 10; INP10; Interferon activated gene 10; Interferon gamma induced cell line; Interferon inducible cytokine IP 10; MOB1; SCYB 10; SCYB10; Small inducible cytokine B10; Small inducible cytokine B10 precursor; Small inducible cytokine subfamily B (Cys X Cys) member 10; Gamma-IP-10.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	10kDa
Cellular localization:	Secretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human CXCL10/IP10:29-70/98
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	Interferon-gamma-inducible 10 kD protein (IP-10), is a CXC chemokine with chemoattractant properties for CD4-positive T cells and inhibits early normal and

leukemic hemopoietic progenitor proliferation. IP-10 is produced by a wide variety of cell types ranging from neutrophils and monocytes to hepatocytes, endothelial cells and keratinocytes. The cytokine is reported to be involved in a scala of inflammatory pathologies such as HIV encephalitis, cutaneous T cell lymphoma, chronic hepatitis and acute anterior uveitis. Various observations strongly suggest a role for the CXC chemokines IL-8 and IP-10 in the regulation of angiogenic activity in cancer and in idiopathic pulmonary fibrosis.

Function:

Chemotactic for monocytes and T-lymphocytes. Binds to CXCR3.

Subcellular Location:

Secreted.

Post-translational modifications:

CXCL10(1-73) is produced by proteolytic cleavage after secretion from keratinocytes.

Similarity:

Belongs to the intercrine alpha (chemokine CxC) family.

SWISS:

P02778

Gene ID:

3627

Database links:

[Entrez Gene: 3627](#)Human

[Entrez Gene: 15945](#)Mouse

[Entrez Gene: 245920](#)Rat

[Omim: 147310](#)Human

[SwissProt: P02778](#)Human

[SwissProt: P17515](#)Mouse

[SwissProt: P48973](#)Rat

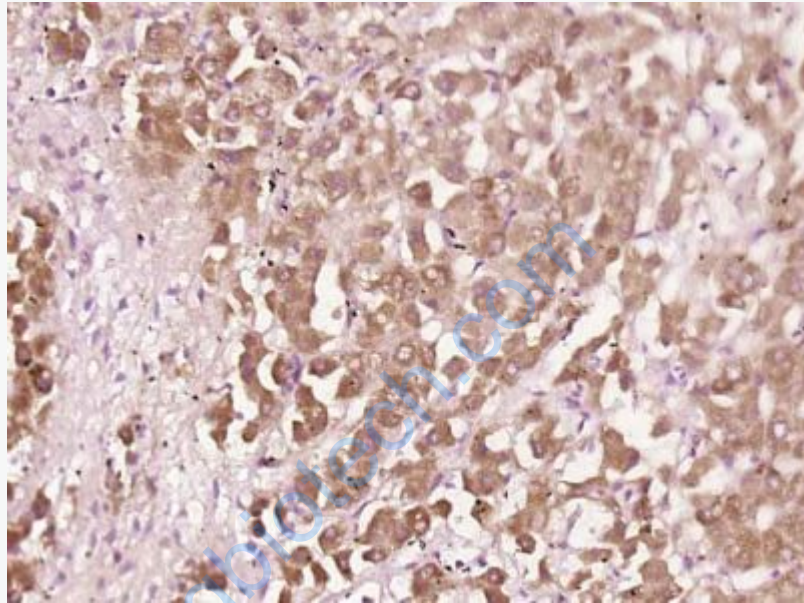
[Unigene: 632586](#)Human

[Unigene: 877](#)Mouse

[Unigene: 10584](#)Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.



Picture:

Paraformaldehyde-fixed, paraffin embedded (Human liver cancer); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (CXCL10) Polyclonal Antibody, Unconjugated (SL23238R) at 1:500 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.