


Rabbit Anti-CXCL9 antibody

SL2551R

Product Name:	CXCL9
Chinese Name:	γInterferon诱导单核cell factor抗体
Alias:	MIG; CMK; C-X-C motif chemokine 9; CXCL9; chemokine (C-X-C motif) ligand 9; crg-10; Humig; monokine induced by gamma interferon; SCYB9; Small inducible cytokine B9; small inducible cytokine subfamily B member 9.
文献引用 	Specific References(6) SL2551R has been referenced in 6 publications. [IF=2.19] Sawano, Takeyuki, et al. "Fatty acid synthase-positive hepatocytes and subsequent steatosis in rat livers by irinotecan." <i>Oncology Reports</i> . IHC-P;Rat . PubMed:25708528
	[IF=10.40] Yada, Akito, et al. "Splenectomy attenuates murine liver fibrosis with hypersplenism stimulating hepatic accumulation of Ly-6C lo macrophages." <i>Journal of Hepatology</i> (2015). IHC-P;Mouse . PubMed:26022691
	[IF=5.58] Zhang, Qian-Qian, et al. "CD11b deficiency suppresses intestinal tumor growth by reducing myeloid cell recruitment." <i>Scientific reports</i> 5 (2015). WB;Mouse . PubMed:26526388
	[IF=2.15] Shimoura, Noriko, et al. "Interleukin (IL)-18, cooperatively with IL-23, induces prominent inflammation and enhances psoriasis-like epidermal hyperplasia." <i>Archives of Dermatological Research</i> (2017): 1-7. IHC;Mouse . PubMed:28299442
	[IF=3.87] Cai, Zhaowei, et al. "Transcriptomic analysis of hepatic responses to testosterone deficiency in miniature pigs fed a high-cholesterol diet." <i>BMC genomics</i>

	<p>16.1 (2015): 59.IHC-P;Pig.</p> <p style="text-align: center;">PubMed:25887406</p> <p>[IF=6.66]Clancy-Thompson, Eleanor, et al. "Melanoma induces, and adenosine suppresses, CXCR3-cognate chemokine production and T-cell infiltration of lungs bearing metastatic-like disease." Cancer immunology research 3.8 (2015): 956-967.IHC-P;Mouse.</p> <p style="text-align: center;">PubMed:26048575</p>
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Pig,Cow,Horse,
Applications:	<p>ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair)</p> <p>not yet tested in other applications.</p> <p>optimal dilutions/concentrations should be determined by the end user.</p>
Molecular weight:	14kDa
Cellular localization:	Secretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human CXCL9:23-125/125
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:	<p>MIG (monokine induced by interferon-gamma), a member of the alpha-chemokine family (CXC) of cytokines, is produced by stimulated monocytes, macrophages and endothelial cells. It signals through the CXCR3 receptor. MIG selectively chemoattracts Th1 lymphocytes, and also exerts other activities including inhibition of tumor growth, angiogenesis, and inhibition of colony formation of hematopoietic progenitors. Human MIG is active on murine cells.</p> <p>Function: Cytokine that affects the growth, movement, or activation state of cells that participate in immune and inflammatory response. Chemotactic for activated T-cells. Binds to CXCR3.</p> <p>Subcellular Location: Secreted.</p>

Similarity:

Belongs to the intercrine alpha (chemokine CxC) family.

SWISS:

Q07325

Gene ID:

4283

Database links:

[Entrez Gene: 4283](#)Human

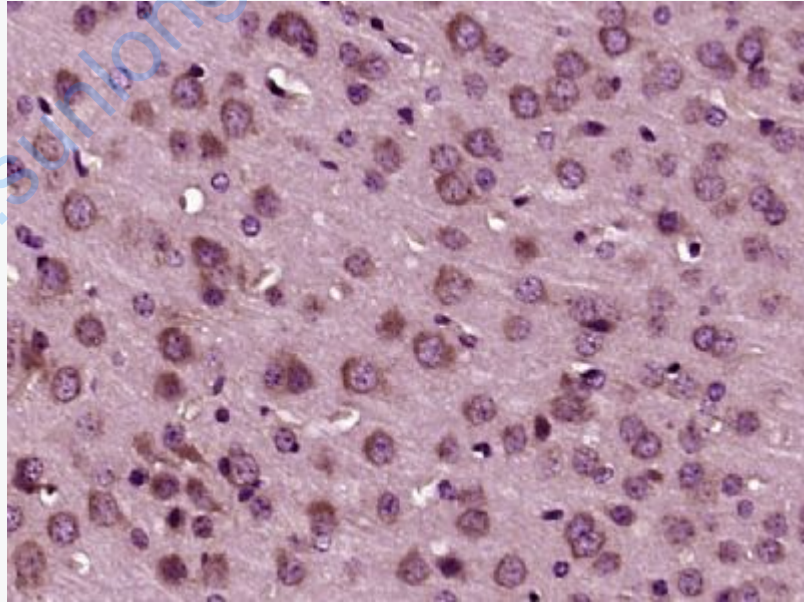
[Olim: 601704](#)Human

[SwissProt: Q07325](#)Human

[Unigene: 77367](#)Human

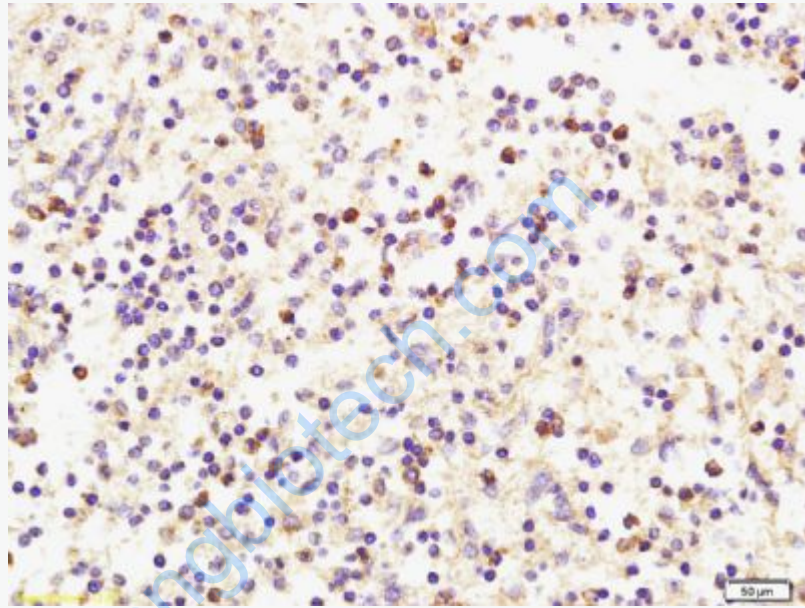
Important Note:

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

Picture:

Paraformaldehyde-fixed, paraffin embedded (mouse brain tissue); 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 (CXCL9) Polyclonal Antibody, Unconjugated (SL2551R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Tissue/cell: human spleen tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;

Incubation: Anti-CXCL9/MIG Polyclonal Antibody, Unconjugated(SL2551R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining