



MIP-3 α Polyclonal Antibody

Catalog No	YP-Ab-10687
Isotype	IgG
Reactivity	Human;Mouse
Applications	IHC;IF;ELISA
Gene Name	CCL20 LARC MIP3A SCYA20
Immunogen	Synthetic peptide from human protein at AA range: 31-80
Specificity	The antibody detects endogenous MIP-3 α
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	IHC-p 1:50-200, ELISA 1:10000-20000. IF 1:50-200
Concentration	1 mg/ml
Purity	$\geq 90\%$
Storage Stability	-20°C/1 year
Synonyms	CCL2;MIP-3 Alpha;MIP-3 α ;CCL-2;CCL 2;CCL20 LARC MIP3A SCYA20;C-C motif chemokine 20 (Beta-chemokine exodus-1) (CC chemokine LARC) (Liver and activation-regulated chemokine) (Macrophage inflammatory protein 3 alpha) (MIP-3-alpha) (Small-inducible cytokine A20) [;C-C motif chemokine 20 (Beta-chemokine exodus-1;CC chemokine LARC;Liver and activation-regulated chemokine;Macrophage inflammatory protein 3 alpha;MIP-3-alpha;Small-inducible cytokine A20) [Cleaved into: CCL20(1-67);CCL20(1-64);CCL20(2-70)]
Observed Band	
Calculated Molecular Weight	
Cell Pathway	Secreted .
Tissue Specificity	Expressed in the seminal plasma, endometrial fluid and follicular fluid (at protein level). Expressed predominantly in the liver, lymph nodes, appendix, peripheral blood lymphocytes, and fetal lung. Low levels seen in thymus, prostate, testis, small intestine and colon.
Function	function:Chemotactic factor that attracts lymphocytes and, slightly, neutrophils, but not monocytes. Inhibits proliferation of myeloid progenitors in colony formation assays. May be involved in formation and function of the mucosal lymphoid tissues by attracting lymphocytes and dendritic cells towards epithelial



cells. C-terminal processed forms have been shown to be equally chemotactically active for leukocytes. Possesses antibacterial activity E.coli ATCC 25922 and S.aureus ATCC 29213.,induction:By lipopolysaccharide (LPS), tumor necrosis factor and interferon gamma. Induced by phorbol myristate acetate (PMA) in U937 cell line and bowes melanoma. Repressed by IL-10., online information:CCL20 entry,PTM:C-terminal processed forms which lack 1, 3 or 6 amino acids are produced by proteolytic cleavage after secretion from peripheral blood monocytes.,similarity:Belongs to the intercrine beta

Background

This antimicrobial gene belongs to the subfamily of small cytokine CC genes. Cytokines are a family of secreted proteins involved in immunoregulatory and inflammatory processes. The CC cytokines are proteins characterized by two adjacent cysteines. The protein encoded by this gene displays chemotactic activity for lymphocytes and can repress proliferation of myeloid progenitors. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2014],

matters needing attention

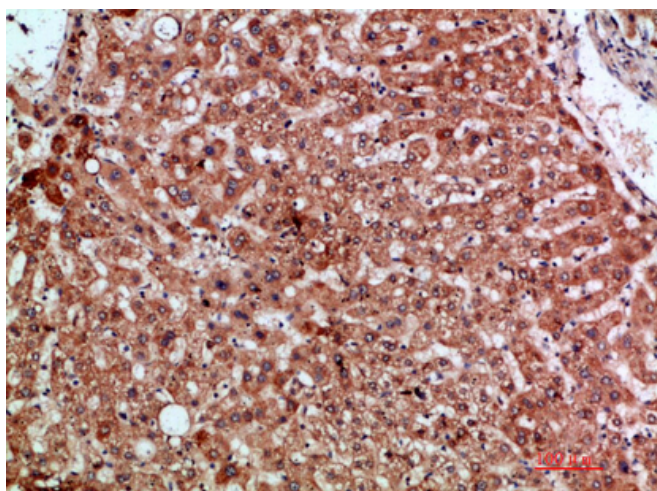
Avoid repeated freezing and thawing!

Usage suggestions

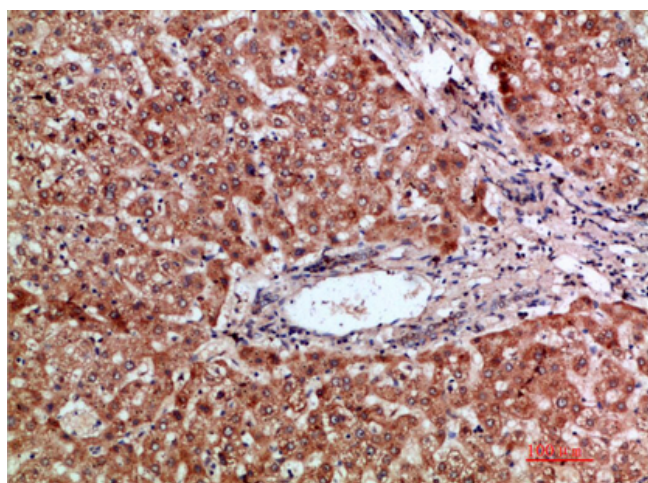
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



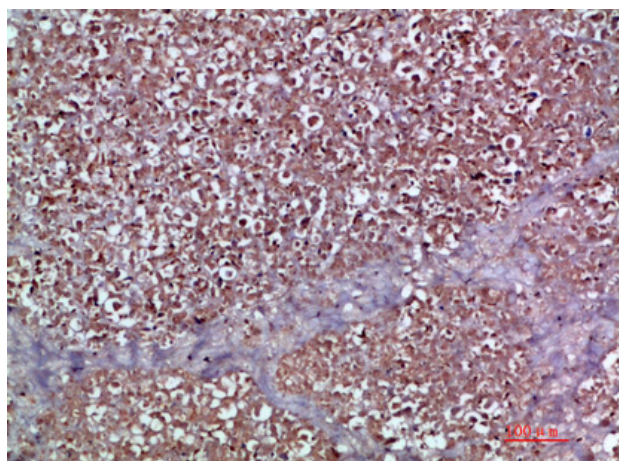
Products Images



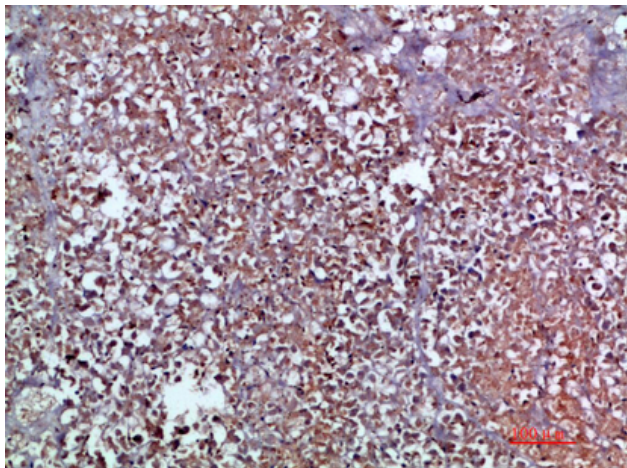
Immunohistochemical analysis of paraffin-embedded human-liver, antibody was diluted at 1:200



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Immunohistochemical analysis of paraffin-embedded human-pancreas, antibody was diluted at 1:200



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