
Product Name: MIP-3 α Rabbit Polyclonal Antibody**Catalog #: APRab13910**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	IHC,ICC/IF,ELISA
Reactivity	Human,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio IHC 1:50-1:200,ICC/IF 1:50-1:200,ELISA 1:10000-1:20000

Molecular Weight

Antigen Information

Gene Name	CCL20
Alternative Names	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)]
Gene ID	6364.0
SwissProt ID	P78556
Immunogen	Synthetic peptide from human protein at AA range: 31-80

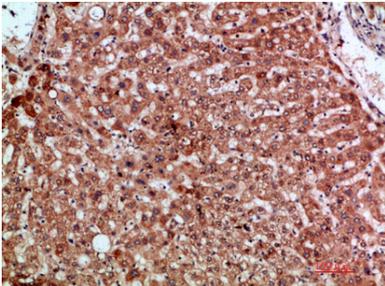
Background

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],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 (chemokine CC) family.,subunit:Binds to and activate CCR6.,tissue specificity: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.,

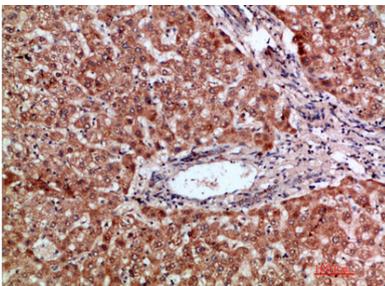
Research Area

Cytokine-cytokine receptor interaction;Chemokine;

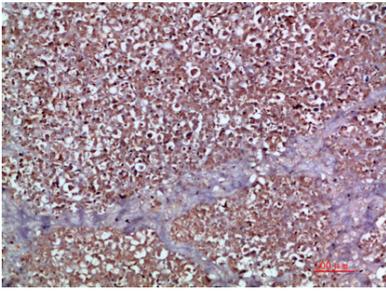
Image Data



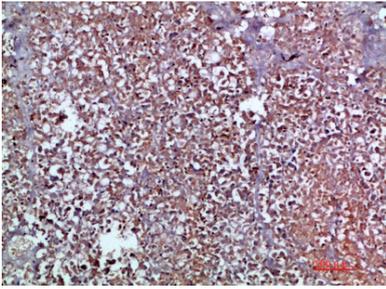
Immunohistochemical analysis of paraffin-embedded human-liver, antibody was diluted at 1:200



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



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



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