

## MIP-3 $\beta$ Polyclonal Antibody

<b>Catalog No :</b>	YT2766
<b>Reactivity :</b>	Human;Mouse
<b>Applications :</b>	IHC;IF;ELISA
<b>Target :</b>	MIP-3 $\beta$
<b>Fields :</b>	>>Cytokine-cytokine receptor interaction;>>Viral protein interaction with cytokine and cytokine receptor;>>Chemokine signaling pathway;>>NF-kappa B signaling pathway
<b>Gene Name :</b>	CCL19
<b>Protein Name :</b>	C-C motif chemokine 19
<b>Human Gene Id :</b>	6363
<b>Human Swiss Prot No :</b>	Q99731
<b>Mouse Swiss Prot No :</b>	O70460
<b>Immunogen :</b>	Synthesized peptide derived from MIP-3 $\beta$ . at AA range: 20-100
<b>Specificity :</b>	MIP-3 $\beta$ Polyclonal Antibody detects endogenous levels of MIP-3 $\beta$ protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	IHC 1:100 - 1:300. ELISA: 1:40000.. IF 1:50-200
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)

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**Molecularweight :** 11kD

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**Cell Pathway :** Cytokine-cytokine receptor interaction;Chemokine;

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**Background :** This antimicrobial gene is one of several CC cytokine genes clustered on the p-arm of chromosome 9. Cytokines are a family of secreted proteins involved in immunoregulatory and inflammatory processes. The CC cytokines are proteins characterized by two adjacent cysteines. The cytokine encoded by this gene may play a role in normal lymphocyte recirculation and homing. It also plays an important role in trafficking of T cells in thymus, and in T cell and B cell migration to secondary lymphoid organs. It specifically binds to chemokine receptor CCR7. [provided by RefSeq, Sep 2014],

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**Function :** function:May play a role not only in inflammatory and immunological responses but also in normal lymphocyte recirculation and homing. May play an important role in trafficking of T-cells in thymus, and T-cell and B-cell migration to secondary lymphoid organs. Specifically binds to chemokine receptor CCR7. Recombinant SCYA19 shows potent chemotactic activity for T-cells and B-cells but not for granulocytes and monocytes.,online information:CCL19 entry,similarity:Belongs to the intercrine beta (chemokine CC) family.,tissue specificity:Expressed at high levels in the lymph nodes, thymus and appendix. Intermediate levels seen in colon and trachea, while low levels found in spleen, small intestine, lung, kidney and stomach.,

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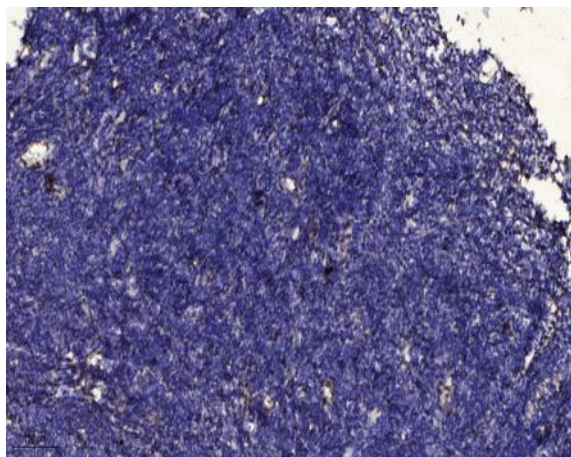
**Subcellular Location :** Secreted.

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**Expression :** Expressed at high levels in the lymph nodes, thymus and appendix. Intermediate levels seen in colon and trachea, while low levels found in spleen, small intestine, lung, kidney and stomach.

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## Products Images



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).