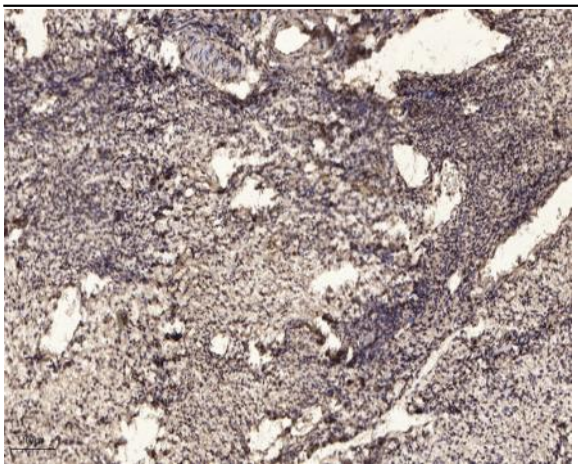
Best Tools for immunology Research

I-TAC rabbit pAb

Catalog No :	YT7846
Reactivity :	Human;Mouse
Applications :	WB;IHC
Target :	I-TAC
Fields :	>>Cytokine-cytokine receptor interaction;>>Viral protein interaction with cytokine and cytokine receptor;>>Chemokine signaling pathway;>>Toll-like receptor signaling pathway
Gene Name :	CXCL11 ITAC SCYB11 SCYB9B
Protein Name :	I-TAC
Human Gene Id :	6373
Human Swiss Prot No :	O14625
Mouse Gene Id :	56066
Mouse Swiss Prot No :	Q9JHH5
Immunogen :	Synthesized peptide derived from human I-TAC AA range: 45-94
Specificity :	This antibody detects endogenous levels of Human I-TAC
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000;IHC 1:50-300
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml

Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Molecularweight :	10kD
Background :	disease:Expressed in a variety of skin disorders, including allergic contact dermatitis, lichen planus and mycosis fungoides.,function:Chemotactic for interleukin-activated T-cells but not unstimulated T-cells, neutrophils or monocytes. Induces calcium release in activated T-cells. Binds to CXCR3. May play an important role in CNS diseases which involve T-cell recruitment. May play a role in skin immune responses.,induction:By interferon gamma and interferon beta. Induction by IFN-gamma is enhanced by TNF-alpha in monocytes, dermal fibroblasts and endothelial cells, and by IL-1 in astrocytes.,mass spectrometry: PubMed:10233762,online information:CXCL11 entry,similarity:Belongs to the intercrine alpha (chemokine CxC) family.,tissue specificity:High levels in peripheral blood leukocytes, pancreas and liver astrocytes. Moderate levels in thymus, spleen and lung. Low levels in placenta, prostate and small intestine. Also found in epidermal basal layer keratinocytes in skin disorders.,
Function :	chemotaxis, defense response, inflammatory response, immune response, cell surface receptor linked signal transduction, G-protein coupled receptor protein signaling pathway, cell-cell signaling, behavior, locomotory behavior,response to wounding, taxis,
Subcellular Location :	Secreted.
Expression :	High levels in peripheral blood leukocytes, pancreas and liver astrocytes. Moderate levels in thymus, spleen and lung. Low levels in placenta, prostate and small intestine. Also found in epidermal basal layer keratinocytes in skin disorders.
Tag :	hot
Sort :	8716
No4 :	1
Host :	Rabbit
Modifications :	Unmodified

Products Images



Immunohistochemical analysis of paraffin-embedded human oophoroma. 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, 45min).