



# I-TAC rabbit pAb

<b>Catalog No</b>	BYab-12436
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse;
<b>Applications</b>	WB;IHC
<b>Gene Name</b>	CXCL11 ITAC SCYB11 SCYB9B
<b>Protein Name</b>	I-TAC
<b>Immunogen</b>	Synthesized peptide derived from human I-TAC AA range: 45-94
<b>Specificity</b>	This antibody detects endogenous levels of Human I-TAC
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
<b>Dilution</b>	WB 1:500-2000;IHC-p 1:50-300
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	C-X-C motif chemokine 11 (Beta-R1;H174;Interferon gamma-inducible protein 9;IP-9;Interferon-inducible T-cell alpha chemoattractant;I-TAC;Small-inducible cytokine B11)
<b>Observed Band</b>	
<b>Cell Pathway</b>	Secreted.
<b>Tissue Specificity</b>	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.
<b>Function</b>	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,
<b>Background</b>	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

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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.,

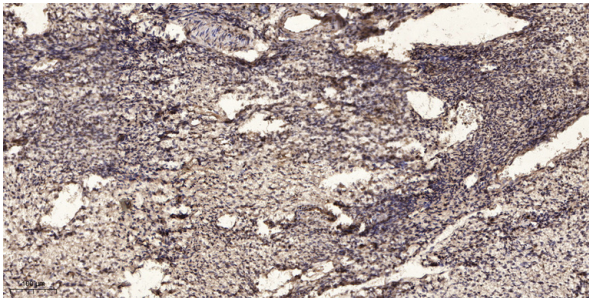
**matters needing attention**

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 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).