

I-TAC Rabbit Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP10527
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	Synthesized peptide derived from human I-TAC
Mol wt	10340
Species reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	I-TAC
Synonyms	I-TAC; 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

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

disease: Expressed in a variety of skin disorders including allergic contact dermatitis, lichen planus and mycosis fungoides. 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 | Belongs to the intercrine alpha (chemokine Cx) 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.

Recommended Dilution

WB: 1: 1000 - 1: 2000

ELISA: 1: 5000 - 1: 20000

Not yet tested in other applications.

Images

No images.

Storage

-20°C for 1 year