



# Anti-CXCL11 polyclonal antibody [Biotin] (DPABY-429)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	Interferon-inducible T cell a chemoattractant (I-TAC), also known as SCYB9B, H174 and beta-R1, is a non-ELR motif-containing CXC chemokine. I-TAC shares 36% and 37% amino acid sequence homology with IP-10 and MIG , respectively. I-TAC is expressed at low levels in normal tissues, including thymus, spleen and pancreas.
<b>Specificity</b>	Detects human I-TAC in ELISAs and Western blots. In sandwich immunoassays, less than 0.05%cross-reactivity with rhENA-78, rhIL-8, rhIP-10, rhMIG and rhNAP-2 is observed.
<b>Immunogen</b>	E. coli-derived recombinant human CXCL11/I-TAC . Phe22-Phe94 Accession Number O14625
<b>Isotype</b>	IgG
<b>Source/Host</b>	Goat
<b>Species Reactivity</b>	Human
<b>Purification</b>	Antigen Affinity-purified
<b>Conjugate</b>	Biotin
<b>Applications</b>	Western Blot, ELISA Detection (Matched Pair)
<b>Format</b>	Liquid
<b>Size</b>	50 µg
<b>Buffer</b>	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein.
<b>Preservative</b>	None
<b>Storage</b>	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

12 months from date of receipt, -20 to -70 °C as supplied.  
1 month, 2 to 8 °C under sterile conditions after reconstitution.  
6 months, -20 to -70 °C under sterile conditions after reconstitution.

## GENE INFORMATION

Gene Name	<a href="#">CXCL11 chemokine (C-X-C motif) ligand 11 [ Homo sapiens (human) ]</a>
Official Symbol	CXCL11
Synonyms	CXCL11; chemokine (C-X-C motif) ligand 11; IP9; H174; IP-9; b-R1; I-TAC; SCYB11; SCYB9B; C-X-C motif chemokine 11; beta-R1; small inducible cytokine B11; small-inducible cytokine B11; interferon gamma-inducible protein 9; interferon-inducible T-cell alpha
Entrez Gene ID	<a href="#">6373</a>
Protein Refseq	<a href="#">NP_005400</a>
UniProt ID	<a href="#">O14625</a>
Chromosome Location	4q21.2
Pathway	CXCR3-mediated signaling events; Chemokine receptors bind chemokines; Chemokine signaling pathway; Class A/1 (Rhodopsin-like receptors); Cytokine-cytokine receptor interaction; G alpha (i) signalling events; GPCR downstream signaling; GPCR ligand binding;
Function	CXCR3 chemokine receptor binding; chemokine activity; heparin binding; protein binding;