



Anti-CXCL11 polyclonal antibody [Biotin] (DPABY-568)

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

PRODUCT INFORMATION

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| Antigen Description | 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. |
| Specificity | Detects mouse CXCL11/I-TAC in ELISAs and Western blots. In sandwich immunoassays, less than 0.2%cross-reactivity with recombinant human CCL11, recombinant mouse (rm)BLC, rmCRG-2, rmGCP-2, rmMIG, rmPF4, and rmSDF-1 alpha is observed. |
| Immunogen | E. coli-derived recombinant mouse CXCL11/I-TAC. Phe22-Met100 Accession Number Q9JHH5 |
| Isotype | IgG |
| Source/Host | Goat |
| Species Reactivity | Mouse |
| Purification | Antigen Affinity-purified |
| Conjugate | Biotin |
| Applications | Western Blot, ELISA Detection (Matched Pair) |
| Format | Liquid |
| Size | 50 µg |
| Buffer | Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein. |
| Preservative | None |

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| Storage | 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

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| Gene Name | Cxcl11 chemokine (C-X-C motif) ligand 11 [Mus musculus (house mouse)] |
| Official Symbol | CXCL11 |
| Synonyms | CXCL11; chemokine (C-X-C motif) ligand 11; Ip9; H174; Itac; b-R1; Cxc11; I-tac; Scyb11; Scyb9b; betaR1; C-X-C motif chemokine 11; small-inducible cytokine B11; interferon-inducible T-cell alpha chemoattractant; small inducible cytokine subfamily B (Cys-X- |
| Entrez Gene ID | 56066 |
| Protein Refseq | NP_062367 |
| UniProt ID | Q9JHH5 |
| Chromosome Location | 5; 5 E3 |
| Pathway | 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; Peptide ligand-binding receptors |
| Function | chemokine activity; cytokine activity; |