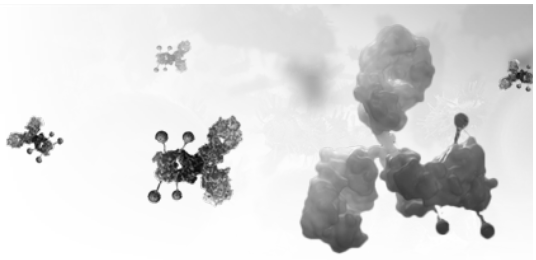

Anti-CXCL10 polyclonal antibody [Biotin] (DPABY-400)

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

PRODUCT INFORMATION

Antigen Description	IP-10 was originally identified as an IFN-gamma-inducible gene in monocytes, fibroblasts and endothelial cells. The mouse homolog of human IP-10, CRG-2, shares approximately 67% amino acid sequence identity with human IP-10. The amino acid sequence of IP-10 identified the protein as a member of the CXC chemokine subfamily.
Specificity	Detects mouse CXCL10/IP-10/CRG-2 in ELISAs and Western blots. In sandwich immunoassays,less than 0.5% cross-reactivity with recombinant human IP-10, recombinant mouse (rm) PF4, rmMIG, rmLIX, and rmI-TAC is observed.
Immunogen	E. coli-derived recombinant mouse CXCL10/IP-10/CRG-2 . Ile22-Pro98 Accession Number Q548V9
Isotype	IgG
Source/Host	Goat
Species Reactivity	Mouse
Purification	Antigen Affinity-purified
Conjugate	Biotin
Applications	Western Blot, Immunohistochemistry, 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

Gene Name	Cxcl10 chemokine (C-X-C motif) ligand 10 [Mus musculus (house mouse)]
Official Symbol	CXCL10
Synonyms	CXCL10; chemokine (C-X-C motif) ligand 10; C7; IP10; CRG-2; INP10; IP-10; Ifi10; mob-1; Scyb10; gIP-10; C-X-C motif chemokine 10; gamma-IP10; interferon activated gene 10; small-inducible cytokine B10; interferon-gamma induced protein CRG-2; interferon-ga
Entrez Gene ID	15945
Protein Refseq	NP_067249
UniProt ID	P17515
Chromosome Location	5 E2; 5 46.57 cM
Pathway	Chemokine receptors bind chemokines; Chemokine signaling pathway; Class A/1 (Rhodopsin-like receptors); Cytokine-cytokine receptor interaction; Cytosolic DNA-sensing pathway; G alpha (i) signalling events; GPCR downstream signaling; GPCR ligand binding;
Function	CXCR3 chemokine receptor binding; chemokine activity; cytokine activity; heparin binding;

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