



Anti-CXCL10 polyclonal antibody [Biotin] (DPABY-399)

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 human CXCL10/IP-10/CRG-2 in ELISAs and Western blots. In sandwich ELISAs, less than 0.1% cross-reactivity with recombinant mouse CRG-2, recombinant human (rh) Lymphotactin, rhGRO alpha, and rhMIG is observed.
Immunogen	E. coli-derived recombinant human CXCL10/IP-10
Isotype	IgG
Source/Host	Goat
Species Reactivity	Human
Purification	Antigen Affinity-purified
Conjugate	Biotin
Applications	Western Blot, ELISA Detection (Matched Pair), Intracellular Staining by Flow Cytometry
Format	Liquid
Size	50 µg
Buffer	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein.
Preservative	None

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 [Homo sapiens (human)]
Official Symbol	CXCL10
Synonyms	CXCL10; chemokine (C-X-C motif) ligand 10; C7; IFI10; INP10; IP-10; crg-2; mob-1; SCYB10; gIP-10; C-X-C motif chemokine 10; gamma IP10; gamma-IP10; small-inducible cytokine B10; interferon-inducible cytokine IP-10; 10 kDa interferon gamma-induced protein;
Entrez Gene ID	3627
Protein Refseq	NP_001556
UniProt ID	A0A024RDA4
Chromosome Location	4q21
Pathway	CXCR3-mediated signaling events; 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
Function	CXCR3 chemokine receptor binding; cAMP-dependent protein kinase regulator activity; chemokine activity; heparin binding; protein binding; receptor binding;