



Anti-CXCL6 polyclonal antibody [Biotin] (DPABY-522)

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

PRODUCT INFORMATION

Antigen Description	GCP-2 (granulocyte chemotactic protein-2) is a CXC chemokine. Among human CXC chemokines, GCP-2 is most closely related to ENA-78. The structure and sequence of the genes for human GCP-2 and ENA-78 also exhibit close similarity, suggesting the two genes may have originated from a recent gene duplication. LIX (LPS-induced CXC chemokine) was initially cloned as a gene induced by LPS in mouse fibroblasts. The mouse protein designated GCP-2, because of its amino acid sequence similarity (60%) to human GCP-2, is identical to the LIX protein sequence.
Specificity	Detects human CXCL6/GCP-2 in ELISAs and Western blots. In sandwich immunoassays, less than 0.04% cross-reactivity with recombinant human (rh) NAP-2, rhGRO alpha, rhGRO beta, rhBLC, rhENA-78, recombinant mouse (rm) CXCL6, rmMIP-2, rhIL-8, rhIP-10, rhMIG, and rhSDF-1 beta is observed.
Immunogen	E. coli-derived recombinant human CXCL6/GCP-2 . Val40-Asn114 Accession Number P80162
Isotype	IgG
Source/Host	Goat
Species Reactivity	Human
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
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	CXCL6 chemokine (C-X-C motif) ligand 6 [Homo sapiens (human)]
Official Symbol	CXCL6
Synonyms	CXCL6; chemokine (C-X-C motif) ligand 6; GCP2; CKA-3; GCP-2; SCYB6; C-X-C motif chemokine 6; chemokine alpha 3; small-inducible cytokine B6; granulocyte chemotactic protein 2; Small inducible cytokine subfamily B (Cys-X-Cys), member b; chemokine (C-X-C mo
Entrez Gene ID	6372
Protein Refseq	NP_002984
UniProt ID	P80162
Chromosome Location	4q13.3
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; heparin binding;