



Anti-CXCL8 polyclonal antibody [Biotin] (DPABY-364)

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

PRODUCT INFORMATION

Antigen Description	View IL-8 IHC images.
Specificity	Detects human CXCL8/IL-8 in ELISAs and Western blots. In Western blots, less than 5% cross-reactivity with recombinant porcine CXCL8/IL-8, recombinant rat (rr) CINC-2 alpha, and rrCINC-2 beta is observed.
Immunogen	E. coli-derived recombinant human CXCL8/IL-8 . Ser28-Ser99 Accession Number P10145
Isotype	IgG
Source/Host	Goat
Species Reactivity	Human
Purification	Antigen Affinity-purified
Conjugate	Biotin
Applications	Western Blot, Immunocytochemistry, 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	CXCL8 chemokine (C-X-C motif) ligand 8 [Homo sapiens (human)]
Official Symbol	CXCL8
Synonyms	CXCL8; chemokine (C-X-C motif) ligand 8; IL8; NAF; GCP1; LECT; LUCT; NAP1; GCP-1; LYNAP; MDNCF; MONAP; NAP-1; interleukin-8; emoctakin; interleukin 8; T-cell chemotactic factor; neutrophil-activating peptide 1; beta-thromboglobulin-like protein; granulocy
Entrez Gene ID	3576
Protein Refseq	NP_000575
UniProt ID	A0A024RDA5
Chromosome Location	4q13-q21
Pathway	ATF-2 transcription factor network; ATF4 activates genes; Amoebiasis; Bladder cancer; Calcineurin-regulated NFAT-dependent transcription in lymphocytes; Cellular Senescence; Cellular responses to stress; Chagas disease (American trypanosomiasis);
Function	chemokine activity; interleukin-8 receptor binding; protein binding;