



Anti-CXCL8 monoclonal antibody, clone 369022 [Biotin] (DCABY-4331)

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 canine CXCL8/IL-8 in ELISAs. In ELISAs, this antibody does not cross-react with recombinant canine (rca) IL-1 beta, rcaIL-6, recombinant feline IL-8, recombinant porcine IL-8, or recombinant human IL-8.
Immunogen	E. coli-derived recombinant canine CXCL8/IL-8. Ala23-Pro101 Accession Number P41324
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Dog
Clone	369022
Purification	Protein A or G purified from hybridoma culture supernatant
Conjugate	Biotin
Applications	ELISA Detection (Matched Pair)
Format	Liquid
Size	100 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 interleukin 8 [Canis lupus familiaris (dog)]
Official Symbol	CXCL8
Synonyms	CXCL8; IL8; interleukin-8; IL-8; C-X-C motif chemokine 8; chemokine (C-X-C motif) ligand 8;
Entrez Gene ID	403850
Protein Refseq	NP_001003200
UniProt ID	P41324
Chromosome Location	chromosome: 13
Pathway	ATF4 activates genes; Amoebiasis; Bladder cancer; Cellular Senescence; Cellular responses to stress; Chagas disease (American trypanosomiasis); Chemokine receptors bind chemokines; Chemokine signaling pathway;
Function	chemokine activity; interleukin-8 receptor binding;