

IL-8 (CXCL8) Polyclonal Antibody

Product Details

Size	100 µg
Species Reactivity	Dog
Host/Isotype	Goat / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	E. coli-derived recombinant canine CXCL8/IL-8 Ala23-Pro101 and Val28-Pro101
Form	Lyophilized
Concentration	0.2 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS with 5% trehalose
Contains	No Preservative
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2608808

Applications	Tested Dilution	Publications
Western Blot (WB)	0.1 µg/mL	-
Immunocytochemistry (ICC/IF)	5-15 µg/mL	-
Neutralization (Neu)	0.1-0.5 µg/mL	-

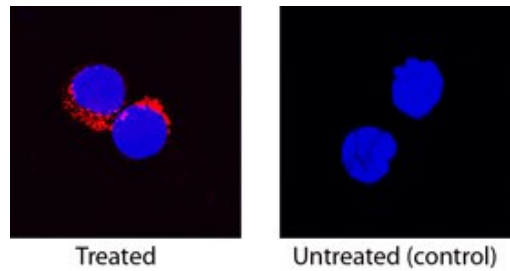
Product Specific Information

In Western blots, less than 1% cross-reactivity with recombinant human CXCL8, recombinant porcine CXCL8, recombinant rat (rr) CINC-1, rrCINC-2 alpha, and rrCINC-2 beta is observed.

Reconstitute at 0.2 mg/mL in sterile PBS.

Endoxin level is <0.10 EU per 1 µg of the antibody by the LAL method.

Product Images For IL-8 (CXCL8) Polyclonal Antibody

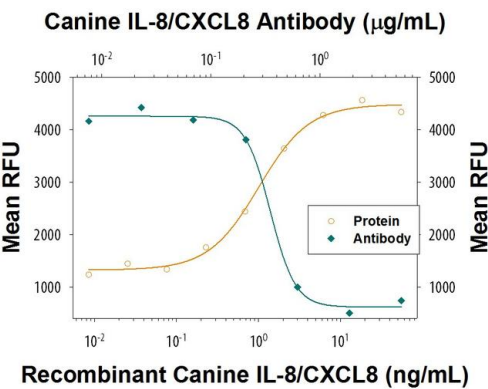
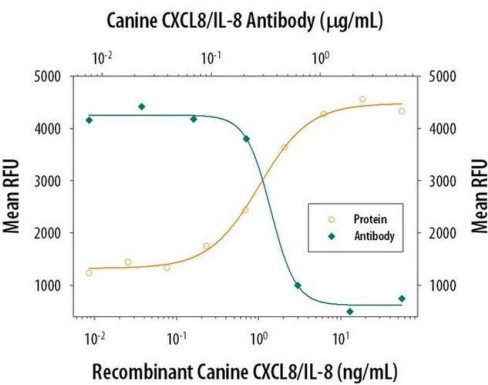


IL-8 (CXCL8) Antibody (PA5-47166) in ICC/IF

Immunocytochemistry analysis of IL-8 (CXCL8) in immersion fixed canine peripheral blood mononuclear cells (PBMCs) treated with Concanavalin A. Samples were incubated in IL-8 (CXCL8) polyclonal antibody (Product # PA5-47166) using a dilution of 15 µg/mL for 3 hours at room temperature followed by NorthernLights™ 557-conjugated Anti-Goat IgG Secondary Antibody (red) and counterstained with DAPI (blue). Specific staining was localized to cytoplasm.

IL-8 (CXCL8) Antibody (PA5-47166)

Neutralization antibody testing demonstrates the specificity of an antibody through a correlation between antibody binding and the activity of the target. Neutralization of IL-8 is shown by the decrease in fluorescence (Chemotaxis measured by Resazurin) with increasing concentrations of IL-8 Antibody (Product # PA5-47166). {Neu}



IL-8 (CXCL8) Antibody (PA5-47166) in Neu

Neutralization of IL-8 (CXCL8) in BaF3 mouse pro,B cell line transfected with human CXCR2. Samples were incubated in IL-8 (CXCL8) polyclonal antibody (Product # PA5-47166) using a dilution of 10 ng/mL. Recombinant Canine IL-8 /CXCL8 chemoattracts the BaF3 mouse pro,B cell line transfected with human CXCR2 in a dose-dependent manner (orange line). The amount of cells that migrated through to the lower chemotaxis chamber was measured by Resazurin. Chemotaxis elicited by Recombinant Canine IL-8/CXCL8 is neutralized (green line) by increasing concentrations of Goat Anti-Canine IL-8/CXCL8 Antigen Affinity-purified Polyclonal Antibody. The ND50 is typically 0.1,0.5 µg/mL.

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