

IL-8 (CXCL8) Monoclonal Antibody (258911)

Product Details	
Size	100 µg
Species Reactivity	Dog
Host/Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	258911
Conjugate	Unconjugated
Immunogen	E. coli-derived recombinant canine CXCL8/IL-8 Ala23-Pro101
Form	Lyophilized
Concentration	0.5 mg/mL
Purification	Protein A/G
Storage buffer	PBS with 5% trehalose
Contains	No Preservative
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2608807

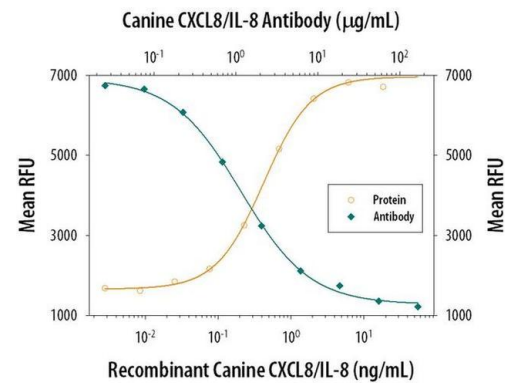
Applications	Tested Dilution	Publications
Western Blot (WB)	1 µg/mL	-
Immunocytochemistry (ICC/IF)	8-25 µg/mL	-
Neutralization (Neu)	0.3-1.2 µg/mL	-

Product Specific Information

Reconstitute at 0.5 mg/mL in sterile PBS.

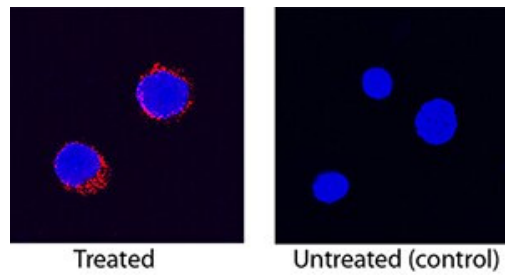
Endoxin level is <0.10 EU per 1 µg of the antibody by the LAL method.

Product Images For IL-8 (CXCL8) Monoclonal Antibody (258911)



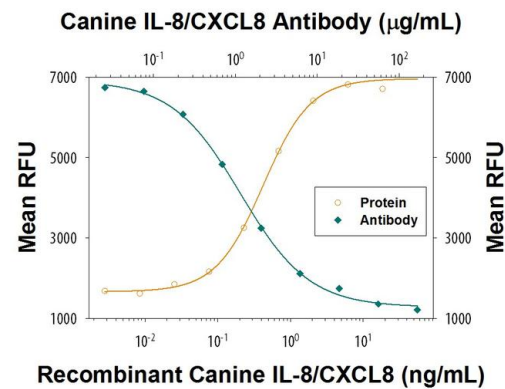
IL-8 (CXCL8) Antibody (MA5-23957)

Neutralization of canine CXCL8 by Product # MA523957 showing the decrease in chemotaxis with increasing concentrations of anti CXCL8 monoclonal antibody (258911). Neutralization antibody testing demonstrates the specificity of an antibody through a correlation between antibody binding and the activity of the target. {Neu}



IL-8 (CXCL8) Antibody (MA5-23957) in ICC/IF

Immunocytochemistry analysis of IL-8 (CXCL8) in immersion fixed canine peripheral blood mononuclear cells (PBMCs) treated with calcium ionomycin and PMA. Samples were incubated in IL-8 (CXCL8) monoclonal antibody (Product # MA5-23957) using a dilution of 25 μg/mL for 3 hours at room temperature followed by NorthernLights™ 557-conjugated Anti-Mouse IgG Secondary Antibody (red) and counterstained with DAPI (blue). Specific staining was localized to cytoplasm.



IL-8 (CXCL8) Antibody (MA5-23957) 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) monoclonal antibody (Product # MA5-23957) 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 Mouse Anti-Canine IL-8/CXCL8 Monoclonal Antibody. The ND50 is typically 0.3-1.2 μg/mL.

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