

CXCL9 Polyclonal Antibody

Product Details	
Size	100 µg
Species Reactivity	Mouse
Host/Isotype	Goat / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	E. coli-derived recombinant mouse CXCL9/MIG
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_2609301

Applications	Tested Dilution	Publications
ELISA (ELISA)	0.1-0.4 µg/mL (Detection), 0.2-0.8 µg/mL (Capture)	-
Neutralization (Neu)	6-20 µg/mL	-

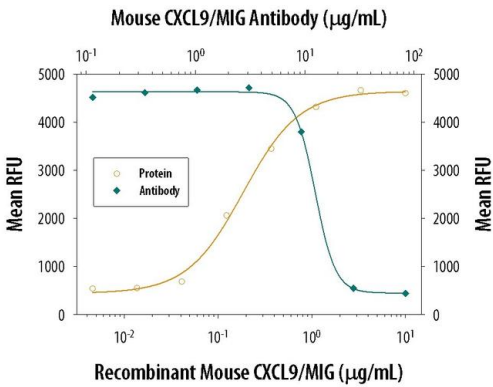
Product Specific Information

In sandwich ELISAs, less than 0.5% cross-reactivity with recombinant human (rh) CXCL9/MIG is observed and less than 0.005% cross-reactivity with recombinant mouse MIP-2, recombinant rat CINC-1, rhGRO alpha, rhGRO beta, and rhGRO gamma is observed.

Reconstitute at 0.2 mg/mL in sterile PBS.

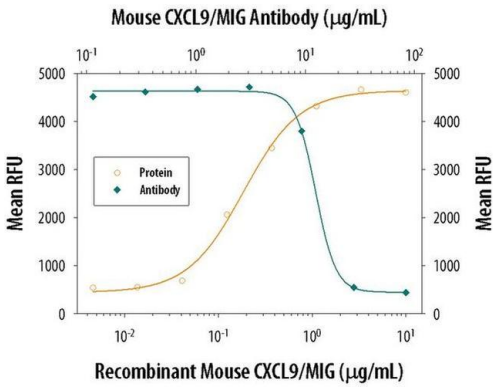
Endotoxin level is <0.10 EU per 1 µg of the antibody by the LAL method.

Product Images For CXCL9 Polyclonal Antibody



CXCL9 Antibody (PA5-47020) in Neu

Neutralization of CXCL9 in BaF3 mouse pro,B cell line transfected with mouse CXCR3. Samples were incubated in CXCL9 polyclonal antibody (Product # PA5-47020). Recombinant Mouse CXCL9/MIG chemoattracts the BaF3 mouse pro,B cell line transfected with mouse CXCR3 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 Mouse CXCL9 /MIG (1 μg/mL) is neutralized (green line) by increasing concentrations of Goat Anti-Mouse CXCL9/MIG Antigen Affinity-purified Polyclonal Antibody. The ND50 is typically 6-20 μg/mL.



CXCL9 Antibody (PA5-47020)

Neutralization antibody testing demonstrates the specificity of an antibody through a correlation between antibody binding and the activity of the target. Neutralization of CXCL9 is shown by the decrease in mean RFU (relative fluorescent units- chemotaxis measured by Resazurin) with increasing concentrations of CXCL9 polyclonal antibody (Product # PA5-47020). {Neu}

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