

# CXCL11 Polyclonal Antibody

Product Details	
Size	100 µg
Species Reactivity	Mouse
Published Species	Mouse
Host/Isotype	Goat / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	E. coli-derived recombinant mouse CXCL11/I-TAC Phe22-Met100
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_2577164

Applications	Tested Dilution	Publications
Western Blot (WB)	0.1 µg/mL	1 Publication
ELISA (ELISA)	0.1-0.4 µg/mL (Detection), 0.2-0.8 µg/mL (Capture)	-
Neutralization (Neu)	5-25 µg/mL	-

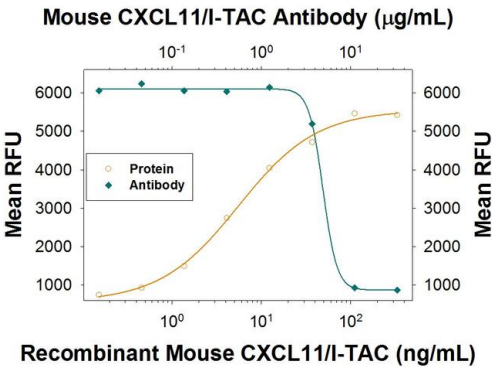
## Product Specific Information

In sandwich ELISAs, less than 0.2% cross-reactivity with recombinant human CXCL11, recombinant mouse (rm) BLC, rmCRG-2, rmGCP-2, rmMIG, rmPF4, and rmSDF-1 alpha is observed.

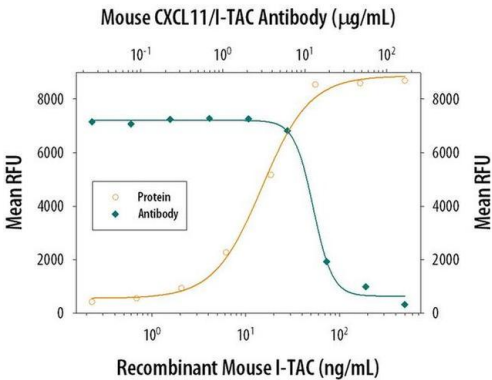
Reconstitute at 0.2 mg/mL in sterile PBS.

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

Product Images For CXCL11 Polyclonal Antibody



**CXCL11 Antibody (PA5-47767) in Neu**  
Neutralization of CXCL11 in BaF3 mouse pro,B cell line transfected with human CXCR3. Samples were incubated in CXCL11 polyclonal antibody (Product # PA5-47767). Recombinant MouseCXCL11/I,TAC chemoattracts the BaF3 mouse pro ,B cell line transfected with human 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 CXCL11/I,TAC (200 ng/mL) is neutralized (green line) by increasing concentrations of Goat Anti-Mouse CXCL11/I-TAC Antigen Affinity-purified Polyclonal Antibody. The ND50 is typically 2-12 µg/mL.



**CXCL11 Antibody (PA5-47767)**  
Neutralization of CXCL11 by (Product # PA5-47767) showing the decrease in signal with increasing concentrations of CXCL11 Antibody. Neutralization antibody testing demonstrates the specificity of an antibody through a correlation between antibody binding and the activity of the target. {Neu}

1 Reference

Western Blot (1)

Experimental and therapeutic medicine	Year 2019
Senescent hepatocytes enhance natural killer cell activity via the CXCL-10/CXCR3 axis.	Species Mouse
"PA5-47767 was used in Western Blot to suggest that chemokines secreted by senescent hepatocytes can upregulate activity in natural killer cells through the CXCL-10/CXCR3 axis."	Dilution 1:1000
Authors: Zang J,Ye J,Zhang C,Sha M,Gao J	

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