

CCL5 (RANTES) Polyclonal Antibody

Product Details	
Size	100 µg
Species Reactivity	Cat
Host/Isotype	Sheep / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	E. coli-derived recombinant feline CCL5/RANTES Tyr26-Asn92 (Lys84Tyr and Gly85 del)
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_2606493

Applications	Tested Dilution	Publications
Western Blot (WB)	0.1 µg/mL	-
ELISA (ELISA)	0.1-0.4 µg/mL (Detection), 0.2-0.8 µg/mL (Capture)	-
Neutralization (Neu)	0.5-2.5 µg/mL	-

Product Specific Information

In sandwich ELISAs, less than 0.02% cross-reactivity with recombinant human RANTES, recombinant mouse RANTES, and recombinant cotton rat RANTES is observed.

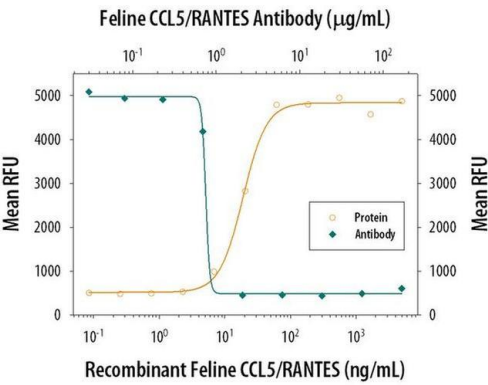
Reconstitute at 0.2 mg/mL in sterile PBS.

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

Product Images For CCL5 (RANTES) Polyclonal Antibody

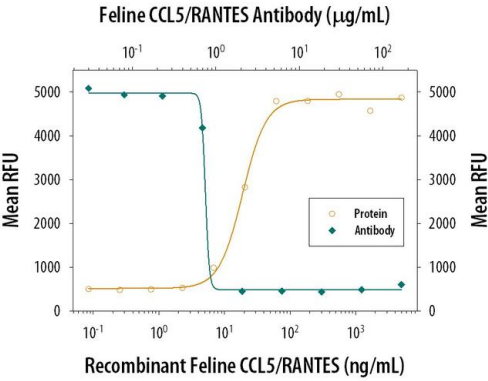
CCL5 (RANTES) Antibody (PA5-47536)

Neutralization antibody testing demonstrates the specificity of an antibody through a correlation between antibody binding and the activity of the target. Neutralization of CCL5 is shown by the decrease in chemotaxis in CCR5 transfected BaF3 cells with increasing concentrations of CCL5 Antibody (Product # PA5-47536). {Neu}



CCL5 (RANTES) Antibody (PA5-47536) in Neu

Neutralization of CCL5 (RANTES) in BaF3 mouse pro.B cell line transfected with human CCR5. Samples were incubated in CCL5 (RANTES) polyclonal antibody (Product # PA5-47536) using a dilution of 80 ng/mL. Recombinant Feline CCL5 /RANTES chemoattracts the BaF3 mouse pro.B cell line transfected with human CCR5 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 Feline CCL5/RANTES is neutralized (green line) by increasing concentrations of Sheep Anti-Feline CCL5/RANTES Antigen Affinity-purified Polyclonal Antibody. The ND50 is typically 0.5,2.5 µg/mL.



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