

CNTFR Polyclonal Antibody

Product Details	
Size	100 µg
Species Reactivity	Rat
Host/Isotype	Goat / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Sf 21-derived recombinant rat CNTF R alpha Ala19-Pro346
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_2608048

Applications	Tested Dilution	Publications
Western Blot (WB)	0.1 µg/mL	-
Immunohistochemistry (IHC)	5-15 µg/mL	-
Neutralization (Neu)	2-6 µg/mL	-

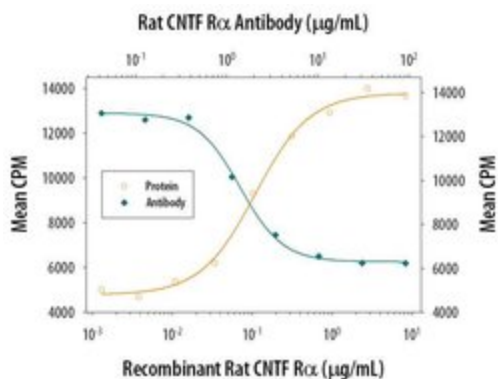
Product Specific Information

In direct ELISAs, approximately 50% cross-reactivity with recombinant human CNTF sR 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.

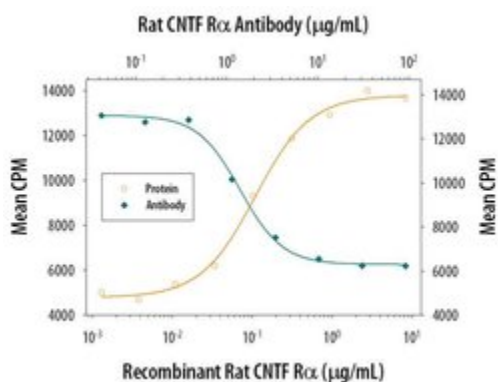
Advanced Verification Data



CNTFR Antibody (PA5-47757)

Neutralization of CNTFR by (Product # PA5-47757) showing the decrease in signal with increasing concentrations of CNTFR Antibody. Neutralization antibody testing demonstrates the specificity of an antibody through a correlation between antibody binding and the activity of the target. Neutralization validation info.

Product Images For CNTFR Polyclonal Antibody



CNTFR Antibody (PA5-47757) in Neu

Neutralization assay of recombinant Rat CNTF Ra enhances recombinant Rat CNTF induced proliferation in the TF-1 human erythroleukemic cell line in a dose-dependent manner (orange line). Enhancement of recombinant Rat CNTF (10 ng/mL) activity elicited by recombinant Rat CNTF Ra (0.25 $\mu\text{g/mL}$) is neutralized (green line) by increasing concentrations of Goat Anti-Rat CNTF Ra Antigen Affinity-purified Polyclonal Antibody (Product # PA5-47757). The ND50 is typically 2-6 $\mu\text{g/mL}$.

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