

IL-2 Polyclonal Antibody

Product Details	
Size	100 µg
Species Reactivity	Rat
Host/Isotype	Goat / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	E. coli-derived recombinant rat IL-2 Ala21-Gln155
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_2609328

Applications	Tested Dilution	Publications
ELISA (ELISA)	0.1-0.4 µg/mL (Detection), 0.2-0.8 µg/mL (Capture)	-
Immunocytochemistry (ICC)	5-15 µg/mL	-
Immunofluorescence (IF)	5-15 µg/mL	-
Immunohistochemistry (Frozen) (IHC (F))	5-15 µg/mL	-
Neutralization (Neu)	0.15-0.75 µg/mL	-
Western Blot (WB)	0.1 µg/mL	-

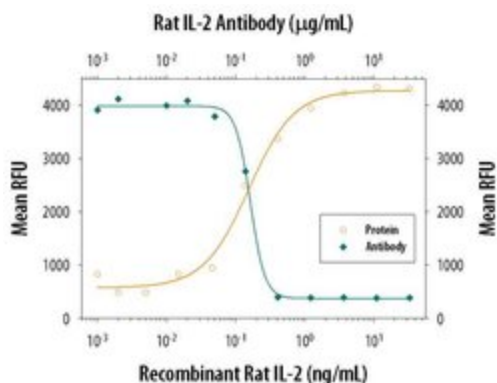
Product Specific Information

In sandwich ELISAs, less than 0.2% cross-reactivity with recombinant human IL-2 and recombinant mouse IL-2 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.

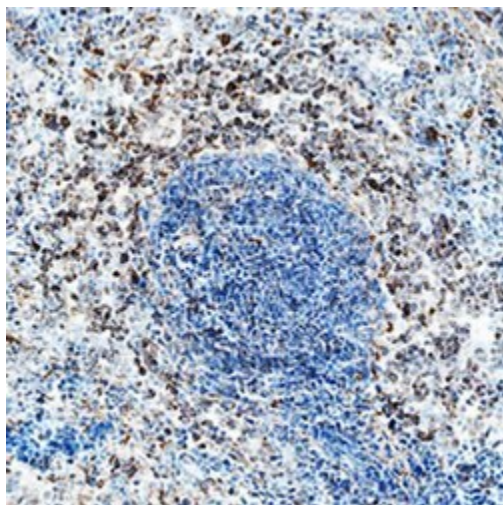
Advanced Verification Data



IL-2 Antibody (PA5-46957)

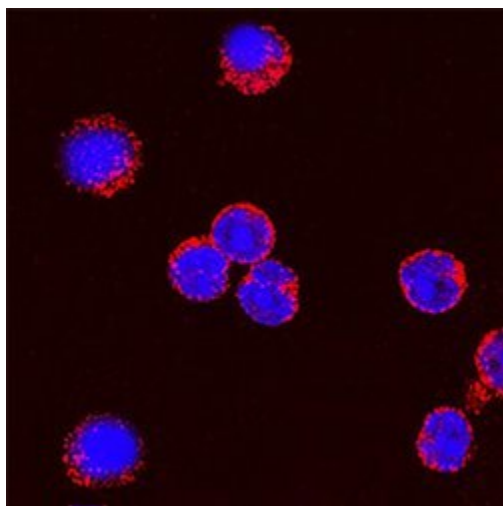
Neutralization antibody testing demonstrates the specificity of an antibody through a correlation between antibody binding and the activity of the target. Neutralization of rat IL-2 is shown by decrease in RFU (relative fluorescent units - measure of proliferation) with increasing concentrations of IL-2 polyclonal antibody (PA5-46957). Neutralization validation info.

Product Images For IL-2 Polyclonal Antibody



IL-2 Antibody (PA5-46957) in IHC (F)

Immunohistochemical analysis of IL-2 was detected in immersion fixed frozen sections of rat spleen using Goat Anti-Rat IL-2 Antigen Affinity-purified Polyclonal Antibody (Product # PA5-46957) at 5 µg/mL overnight at 4 °C. Tissue was stained using the Anti-Goat HRP-DAB (brown and counterstained with hematoxylin (blue)). Specific staining was localized to cytoplasm in lymphocytes.



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