

IL-6 Polyclonal Antibody

Product Details

Size	100 µg
Species Reactivity	Horse
Host/Isotype	Goat / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	E. coli-derived recombinant equine IL-6 Phe26-Met208
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_2606214

Applications	Tested Dilution	Publications
Western Blot (WB)	0.1 µg/mL	-
Immunocytochemistry (ICC/IF)	5-15 µg/mL	-
Neutralization (Neu)	0.5-1.5 µg/mL	-

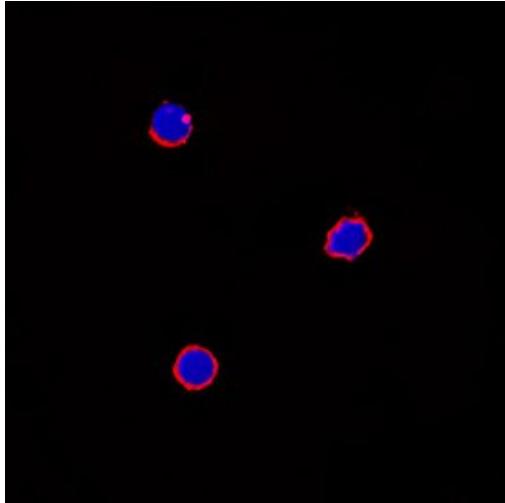
Product Specific Information

In direct ELISAs and Western blots, approximately 50% cross-reactivity with recombinant human IL-6, recombinant porcine IL-6 and recombinant canine IL-6 is observed and approximately 20% cross-reactivity with recombinant mouse IL-6 and recombinant rat IL-6 is observed.

Reconstitute at 0.2 mg/mL in sterile PBS.

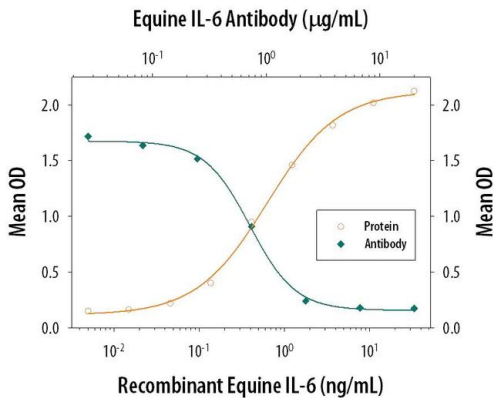
Endoxin level is <0.10 EU per 1 µg of the antibody by the LAL method.

Product Images For IL-6 Polyclonal Antibody



IL-6 Antibody (PA5-47216) in ICC/IF

Immunocytochemistry analysis of IL-6 in immersion fixed equine peripheral blood mononuclear cells (PBMCs). Samples were incubated in IL-6 polyclonal antibody (Product # PA5-47216) using a dilution of 10 µg/mL for 3 hours at room temperature followed by NorthernLights™ 557-conjugated Anti-Goat IgG Secondary Antibody (red) and counterstained with DAPI (blue). Specific staining was localized to the cell surface.



IL-6 Antibody (PA5-47216) in Neu

Neutralization of IL-6 in T1165.85.2.1 mouse plasmacytoma cell line. Samples were incubated in IL-6 polyclonal antibody (Product # PA5-47216) using a dilution of 4 ng/mL. Recombinant Equine IL,6 stimulates proliferation in the T1165.85.2.1 mouse plasmacytoma cell line in a dose-dependent manner (orange line). Proliferation elicited by Recombinant Equine IL,6 is neutralized (green line) by increasing concentrations of Goat Anti-Equine IL,6 Antigen Affinity-purified Polyclonal Antibody. The ND50 is typically 0.5,1.5 µg/mL.

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