

Thrombopoietin Polyclonal Antibody

Product Details	
Size	100 µg
Species Reactivity	Mouse, Rat
Host/Isotype	Goat / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse Thrombopoietin/Tpo and Sf 21-derived recombinant mouse Thrombopoietin/Tpo
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_2608847

Applications	Tested Dilution	Publications
Western Blot (WB)	0.1 µg/mL	-
Neutralization (Neu)	0.1-0.3 µg/mL	-

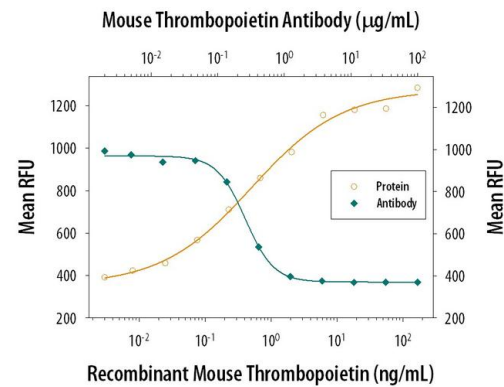
Product Specific Information

This antibody neutralizes the biological activity of recombinant mouse Thrombopoietin/Tpo. This antibody will also neutralize the activity of recombinant human (rh) Thrombopoietin/Tpo, although 25 times the amount of Ig is required. In direct ELISAs less than 15% cross-reactivity with rhTpo 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 Thrombopoietin Polyclonal Antibody



Thrombopoietin Antibody (PA5-47666) in Neu

Neutralization of Thrombopoietin in MO7e human megakaryocytic leukemic cell line. Samples were incubated in Thrombopoietin polyclonal antibody (Product # PA5-47666). Recombinant Mouse Thrombopoietin/Tpo stimulates proliferation in the MO7e human megakaryocytic leukemic cell line in a dose-dependent manner (orange line). Proliferation elicited by Recombinant Mouse Thrombopoietin/Tpo (3 ng/mL) is neutralized (green line) by increasing concentrations of Goat Anti ,Mouse/Rat Thrombopoietin/Tpo Antigen Affinity-purified Polyclonal Antibody. The ND50 is typically 0.1,0.3 µg/mL.

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