

Jagged1 Polyclonal Antibody

Product Details

Size	100 µg
Species Reactivity	Rat
Host/Isotype	Goat / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Mouse myeloma cell line NS0-derived recombinant rat Jagged1 Ser32-Asp1068 (Gly57-Arg59 del, Asp63Thr, Arg64Leu, and Val-Arg-Pro-Tyr ins before Lys69)
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_2607338

Applications	Tested Dilution	Publications
Western Blot (WB)	0.1 µg/mL	-
Flow Cytometry (Flow)	2.5 µg per million cells	-
ELISA (ELISA)	0.1-0.4 µg/mL (Detection), 0.2-0.8 µg/mL (Capture)	-
Neutralization (Neu)	3-15 µg/mL	-

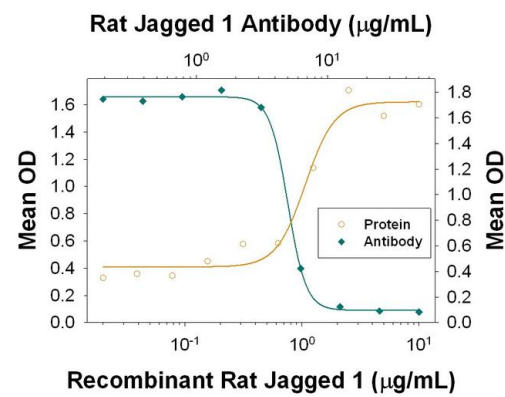
Product Specific Information

In sandwich ELISAs, approximately 15% cross-reactivity with recombinant human (rh) Jagged 1 is observed, and less than 0.3% cross-reactivity with rhJagged 2 and recombinant mouse Jagged 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.

Product Images For Jagged1 Polyclonal Antibody



Jagged1 Antibody (PA5-47804) in Neu
Neutralization of Jagged1 in C3H10T1/2 mouse embryonic fibroblast cell line. Samples were incubated in Jagged1 polyclonal antibody (Product # PA5-47804). Recombinant Rat Jagged 1 Fc Chimera induces differentiation in the C3H10T1/2 mouse embryonic fibroblast cell line in the presence of Recombinant Human BMP,2 in a dose-dependent manner (orange line), as measured by alkaline phosphatase activity. Differentiation elicited by Recombinant Rat Jagged 1 Fc Chimera (3 µg/mL) in the presence of Recombinant Human BMP,2 (150 ng/mL) is neutralized (green line) by increasing concentrations of Goat Anti-Rat Jagged 1 Antigen Affinity-purified Polyclonal Antibody. The ND50 is typically 3-15 µg/mL.

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