

P2Y2 Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant protein fragment corresponding to a region within amino acids 164 and 327 of Human P2Y2
Form	Liquid
Concentration	1.12 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7, with 20% glycerol
Contains	0.025% ProClin 300
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2547587

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:3,000	-
Immunocytochemistry (ICC/IF)	1:100-1:1,000	-
Immunoprecipitation (IP)	1:100-1:500	-

Product Specific Information

Recommended positive controls: 293T, A431, Jurkat, Raji, mouse brain, rat brain.

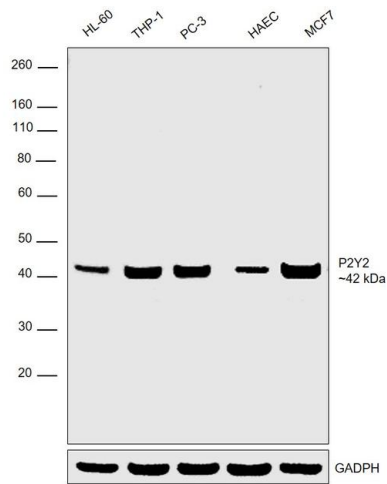
Predicted reactivity: Human (99%), Mouse (84%), Rat (85%), Pig (82%), Bovine (81%).

Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

Product Images For P2Y2 Polyclonal Antibody

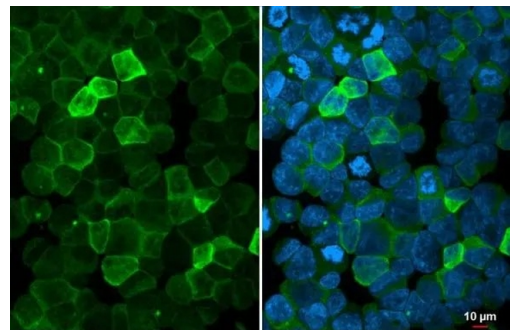
P2Y2 Antibody (PA5-30113) in WB

Western blot was performed using Anti-P2Y2 Polyclonal Antibody (Product # PA5-30113) and a 42 kDa band corresponding to P2Y2 was observed across the cell lines tested. Membrane extracts (30 µg lysate) of HL-60 (Lane 1), THP-1 (Lane 2), PC-3 (Lane 3), HAEC (Lane 4) and MCF7 (Lane 5) were electrophoresed using Novex® NuPAGE® 4-12 % Bis-Tris gel (Product # NP0322BOX). Resolved proteins were then transferred onto a nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with the primary antibody (1:1,000 dilution) and detected by chemiluminescence with Goat anti-Rabbit IgG (Heavy Chain) Superclonal™ Recombinant Secondary Antibody, HRP (Product # A27036, 1:4,000 dilution) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005).



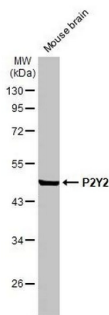
P2Y2 Antibody (PA5-30113) in ICC/IF

Immunocytochemistry analysis of P2Y2 in K562 cells. Samples were incubated with P2Y2 polyclonal antibody (Product # PA5-30113) using a dilution of 1:500. Cells were fixed in 4% paraformaldehyde at RT for 15 min. Blue: Hoechst 33342 staining.



P2Y2 Antibody (PA5-30113) in WB

Western blot analysis of P2Y2 in Mouse tissue extract (50 µg). Sample was separated by 10% SDS-PAGE, and the membrane was blotted with P2Y2 polyclonal antibody (Product # PA5-30113) using a dilution of 1:3,000 followed by HRP-conjugated anti-rabbit IgG secondary antibody.



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