BMPR2 Polyclonal Antibody

Product Details

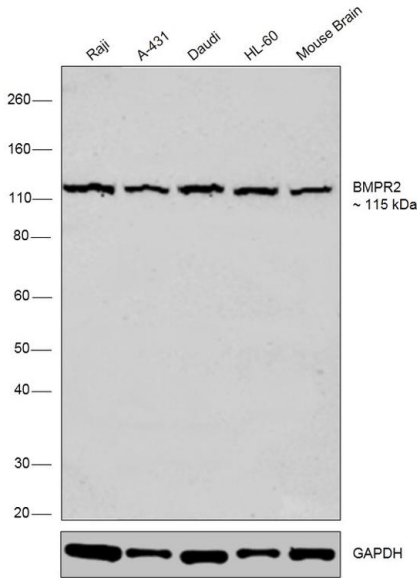|	
Size	100 µg
Species Reactivity	Human
Host/Isotype	Goat / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Mouse myeloma cell line NS0-derived recombinant human BMPR-II Ala26-Ile151
Form	Lyophilized
Concentration	0.2 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS with 5% trehalose
Contains	No Preservative
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2607895

Applications	Tested Dilution	Publications
Western Blot (WB)	0.1 µg/mL	-
Immunohistochemistry (Paraffin) (IHC (P))	5-15 µg/mL	-
Flow Cytometry (Flow)	2.5 µg per million cells	-

Product Specific Information

In direct ELISAs, less than 1% cross-reactivity with recombinant human (rh) BMPR-IA, recombinant mouse (rm) BMPR-IA, rhBMPR-IB, and rmBMPR-IB is observed.
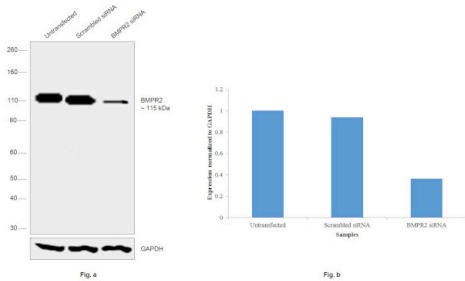
Reconstitute at 0.2 mg/mL in sterile PBS.

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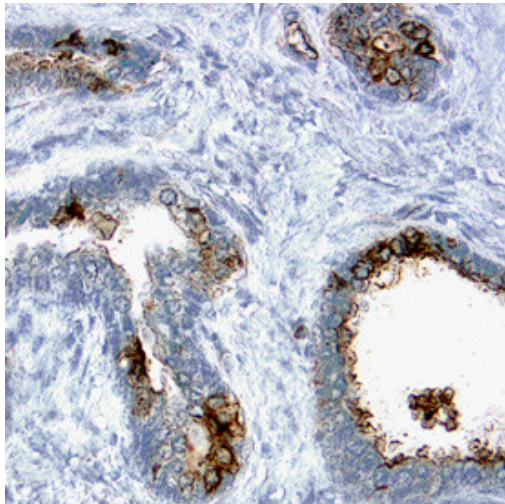# Product Images For BMPR2 Polyclonal Antibody

BMPR2 Antibody (PA5-47949) in WB
Western blot was performed using Anti-BMPR2 Polyclonal Antibody (Product # PA5-47949) and a 115 kDa band corresponding to BMPR2 was observed across the cell lines and tissues tested. Whole cell extracts (30 µg lysate) of Raji (Lane 1), A-431 (Lane 2), Daudi (Lane 3), HL-60 (Lane 4) and tissue extract (30 µg lysate) of Mouse Brain (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 (1:2000 dilution) and detected by chemiluminescence with Goat anti-Rabbit IgG (Heavy Chain), Superclonal™ Recombinant Secondary Antibody, HRP (Product # A27036, 1:4000 dilution) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005).

BMPR2 Antibody (PA5-47949)
Antibody specificity was demonstrated by siRNA mediated knockdown of target protein. A-431 cells were transfected with BMPR2 siRNA and reduction of signal was observed in Western Blot using Anti-BMPR2 Polyclonal Antibody (Product # PA5-47949). {KD}

BMPR2 Antibody (PA5-47949) in IHC (P)
Immunohistochemical analysis of BMPR2 in formalin fixed paraffin-embedded sections of human prostate. Samples were incubated in BMPR2 polyclonal antibody (Product # PA5-47949) using a dilution of 15 µg/mL overnight at 4 °C. Tissue was stained using the Anti-Goat HRP-DAB Cell & Tissue Staining Kit (brown) and counterstained with hematoxylin (blue). Specific labeling was localized to the plasma membrane of epithelial cells.

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