

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

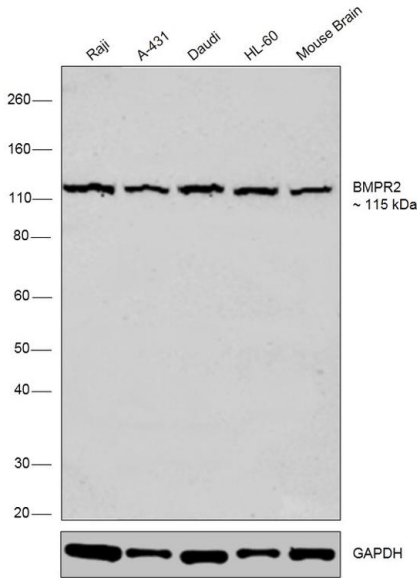
Applications	Tested Dilution	Publications
Western Blot (WB)	0.1 µg/mL	-
Immunohistochemistry (Paraffin) (IHC (P))	5-15 µg/mL	-
Flow Cytometry (Flow)	2.5 µg per million cells	-

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.

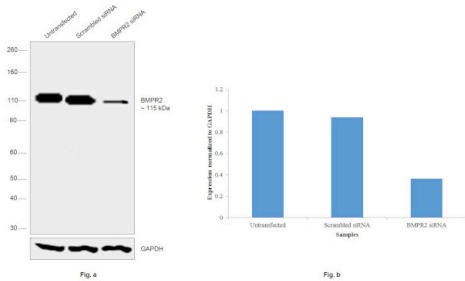
Reconstitute at 0.2 mg/mL in sterile PBS.

Product Images For BMPR2 Polyclonal Antibody



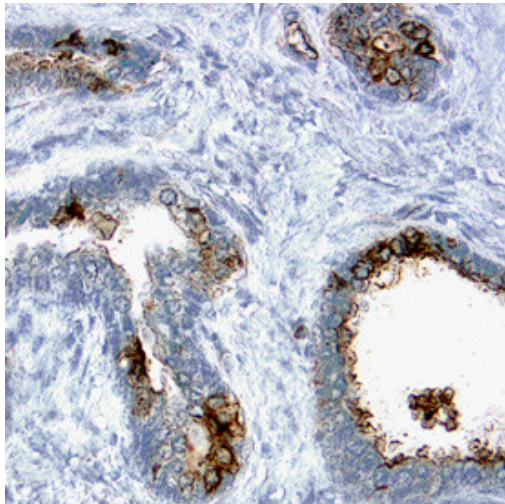
BMPR2 Antibody (PA5-47949) in WB

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.

View more figures on thermofisher.com

For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization. Products are warranted to operate or perform substantially in conformance with published Product specifications in effect at the time of sale, as set forth in the Production documentation, specifications and/or accompanying package inserts ("Documentation"). No claim of suitability for use in applications regulated by FDA is made. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated in the Documentation, this warranty is limited to one year from date of shipment when the Product is subjected to normal, proper and intended usage. This warranty does not extend to anyone other than the Buyer. Any model or sample furnished to Buyer is merely illustrative of the general type and quality of goods and does not represent that any Product will conform to such model or sample. NO OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE GRANTED INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR NON INFRINGEMENT. BUYER'S EXCLUSIVE REMEDY FOR NON-CONFORMING PRODUCTS DURING THE WARRANTY PERIOD IS LIMITED TO REPAIR, REPLACEMENT OF OR REFUND FOR THE NON-CONFORMING PRODUCT(S) AT SELLER'S SOLE OPTION. THERE IS NO OBLIGATION TO REPAIR, REPLACE OR REFUND FOR PRODUCTS AS THE RESULT OF (I) ACCIDENT, DISASTER OR EVENT OF FORCE MAJEURE, (II) MISUSE, FAULT OR NEGLIGENCE OF OR BY BUYER, (III) USE OF THE PRODUCTS IN A MANNER FOR WHICH THEY WERE NOT DESIGNED, OR (IV) IMPROPER STORAGE AND HANDLING OF THE PRODUCTS. Unless otherwise expressly stated on the Product or in the documentation accompanying the Product, the Product is intended for research only and is not to be used for any other purpose, including without limitation, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses, or any type of consumption by or application to human or animals.