

GP130 Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human, Rat
Published Species	Human, Mouse
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant fragment corresponding to a region within amino acids 602 and 837 of Human CD130
Form	Liquid
Concentration	0.1 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7, with 1% BSA, 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_2546408

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:3,000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:100-1:1,000	-
Immunocytochemistry (ICC/IF)	1:100-1:1,000	-
Flow Cytometry (Flow)	-	1 Publication
Competition Assay (CA)	-	1 Publication

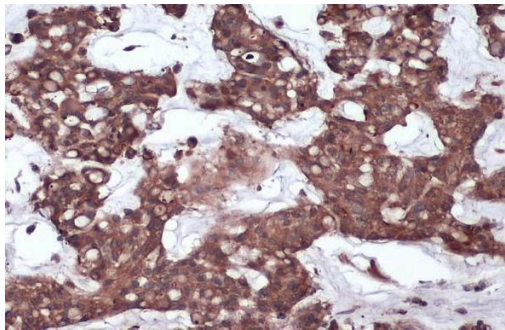
Product Specific Information

Recommended positive controls: HeLa, HepG2.

Predicted reactivity: Mouse (92%), Rat (92%), Dog (94%), Pig (95%), Rhesus Monkey (98%).

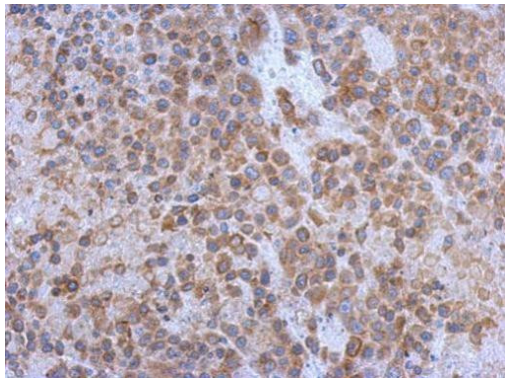
Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

Product Images For GP130 Polyclonal Antibody



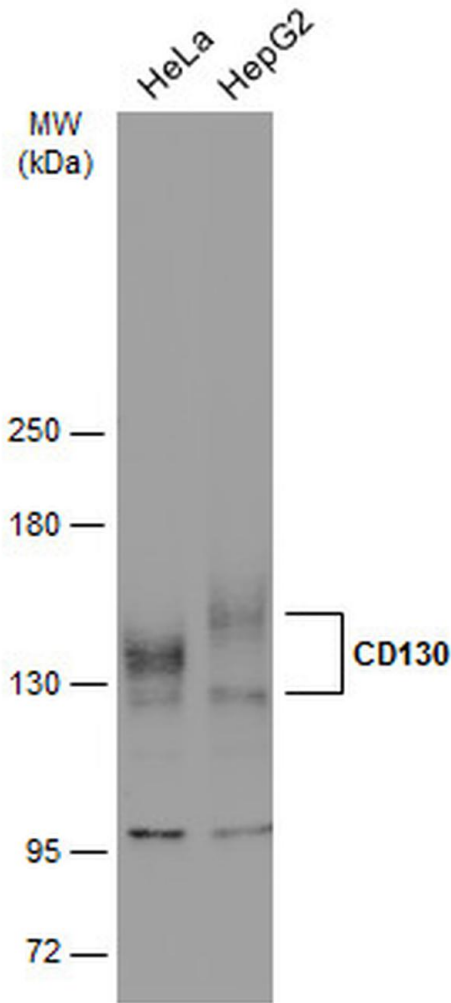
GP130 Antibody (PA5-28932) in IHC (P)

Immunohistochemistry (Paraffin) analysis of GP130 was performed in paraffin-embedded human breast carcinoma tissue using GP130 Polyclonal Antibody (Product # PA5-28932) at a dilution of 1:7500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.



GP130 Antibody (PA5-28932) in IHC (P)

Immunohistochemical analysis of paraffin-embedded J5 xenograft, using CD130 (Product # PA5-28932) antibody at 1:500 dilution. Antigen Retrieval: EDTA based buffer, pH 8.0, 15 min.



GP130 Antibody (PA5-28932) in WB

Western Blot analysis of GP130 was performed by separating 30 µg of various whole cell extracts by 5% SDS-PAGE. Proteins were transferred to a membrane and probed with a GP130 Polyclonal Antibody (Product # PA5-28932) at a dilution of 1:1000 and a HRP-conjugated anti-rabbit IgG secondary antibody.

📖 2 References

Flow Cytometry (1)

<p>Nature communications</p> <p>Hepatocyte-specific IL11 cis-signaling drives lipotoxicity and underlies the transition from NAFLD to NASH.</p> <p>"Published figure using GP130 polyclonal antibody (Product # PA5-28932) in Flow Cytometry"</p> <p>Authors: Dong J,Viswanathan S,Adami E,Singh BK,Chothani SP,Ng B,Lim WW,Zhou J,Tripathi M,Ko NSJ,Shekeran SG,Tan J,Lim SY,Wang M,Lio PM,Yen PM,Schafer S,Cook SA,Widjaja AA</p>	<p>Year 2021</p>
--	-----------------------------

Competition Assay (1)

<p>Frontiers in molecular biosciences</p> <p>Molecular Dissection of Pro-Fibrotic IL11 Signaling in Cardiac and Pulmonary Fibroblasts.</p> <p>"PA5-28932 was used in Competition Assay to define the translation-specific signaling pathways downstream of IL11, intersect immune and metabolic signaling and reveal unappreciated effects of nintedanib."</p> <p>Authors: Widjaja AA,Viswanathan S,Jinrui D,Singh BK,Tan J,Wei Ting JG,Lamb D,Shekeran SG,George BL,Schafer S,Carling D,Adami E,Cook SA</p>	<p>Year 2022</p> <p>Species Human Mouse</p>
---	---

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.