

GM130 Polyclonal Antibody

Product Details	
Size	100 µg
Species Reactivity	Human
Published Species	Bovine, Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic peptide corresponding to residues G(368) Q V M E S V R Q L Q M E R D K(383) of human GM130.
Form	Liquid
Concentration	1 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS with 1mg/mL BSA
Contains	0.05% sodium azide
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2115326

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500	3 Publications
Immunocytochemistry (ICC/IF)	Assay-dependent	4 Publications
Flow Cytometry (Flow)	1-20 µg/mL	1 Publication

Product Specific Information

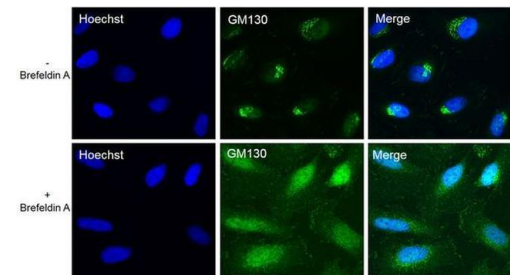
PA1-077 detects GM130 from human samples.

PA1-077 has been successfully used in Western blot, flow cytometry, and immunofluorescence procedures. By Western blot, PA1-077 detects a ~135 kDa band representing GM130 from Hela cell lysate.

The PA1-077 immunogen is a synthetic peptide corresponding to residues G(368) Q V M E S V R Q L Q M E R D K(383) of human GM130.

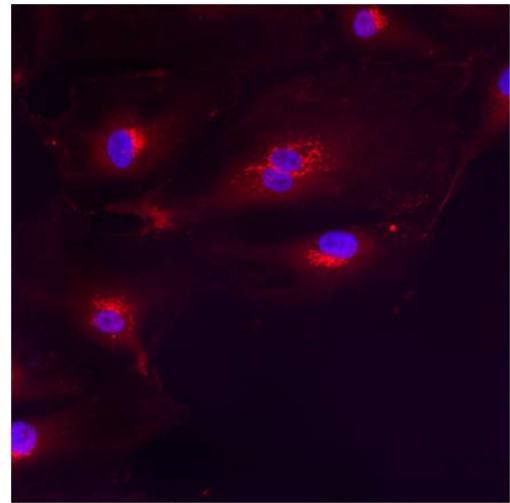
PA1-077 can be used with blocking peptide PEP-296.

Product Images For GM130 Polyclonal Antibody



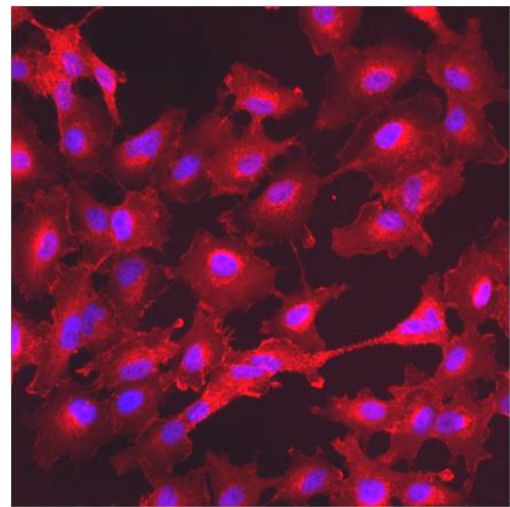
GM130 Antibody (PA1-077)

The specificity of anti-GM130 polyclonal antibody (Product # PA1-077) was demonstrated by the immunofluorescence detection of dispersed GM-130 upon the disruption of Golgi structure in HeLa cells with Brefeldin A treatment. {TM}



GM130 Antibody (PA1-077) in ICC/IF

Immunofluorescent analysis of GM130 using anti-GM130 polyclonal antibody (Product # PA1-077) shows staining in HMVEC Cells.



GM130 Antibody (PA1-077) in ICC/IF

Immunofluorescent analysis of GM130 using anti-GM130 polyclonal antibody (Product # PA1-077) shows staining in A549 Cells.

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Western Blot (3)

The Journal of biological chemistry

Exosome-mediated mRNA delivery in vivo is safe and can be used to induce SARS-CoV-2 immunity.

"Published figure using GM130 polyclonal antibody (Product # PA1-077) in Western Blot"

Authors: Tsai SJ,Atai NA,Cacciottolo M,Nice J,Salehi A,Guo C,Sedgwick A,Kanagavelu S,Gould SJ

Year
2021

Species
Human

Cell death & disease

TOM20-mediated transfer of Bcl2 from ER to MAM and mitochondria upon induction of apoptosis.

"Published figure using GM130 polyclonal antibody (Product # PA1-077) in Western Blot"

Authors: Lalier L,Mignard V,Joalland MP,Lanoé D,Cartron PF,Manon S,Vallette FM

Year
2021

[View more WB references on thermofisher.com](#)

Immunocytochemistry (4)

International journal of molecular sciences

Transcriptional and Post-Translational Regulation of Junctional Adhesion Molecule-B (JAM-B) in Leukocytes under Inflammatory Stimuli.

"Published figure using GM130 polyclonal antibody (Product # PA1-077) in Immunocytochemistry"

Authors: Day-Walsh PE,Keeble B,Pirabagar G,Fountain SJ,Kroon PA

Year
2022

Journal of cellular and molecular medicine

Overexpression of sortilin is associated with 5-FU resistance and poor prognosis in colorectal cancer.

"Published figure using GM130 polyclonal antibody (Product # PA1-077) in Immunocytochemistry"

Authors: Blondy S,Talbot H,Saada S,Christou N,Battu S,Pannequin J,Jauberteau MO,Lalloué F,Verdier M,Mathonnet M,Perraud A

Year
2021

[View more ICC/IF references on thermofisher.com](#)

More applications with references on thermofisher.com

Flow (1)

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