

GM130 Polyclonal Antibody, Alexa Fluor™ 647

Product Details	
Size	50 µL
Species Reactivity	Human
Published Species	Mouse
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Alexa Fluor™ 647
Excitation/Emission Max	650/671 nm
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, pH 7.4, with 1mg/mL BSA
Contains	0.05% sodium azide
Storage conditions	4° C, store in dark, DO NOT FREEZE!
RRID	AB_2663179

Applications	Tested Dilution	Publications
Immunohistochemistry (IHC)	-	1 Publication
Immunocytochemistry (ICC/IF)	1-10 µg/mL	-

Product Specific Information

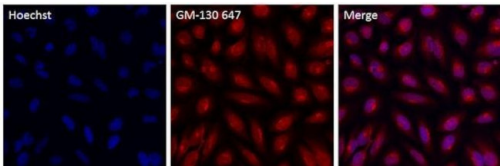
PA1077A647 detects GM130 from human samples.

The PA1077A647 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.

Product Images For GM130 Polyclonal Antibody, Alexa Fluor™ 647

GM130 Antibody (PA1-077-A647) in ICC/IF

Immunofluorescent analysis of GM-130 (red) in HeLa cells. The cells were fixed with 4% Paraformaldehyde in PBS for 15 minutes at room temperature, and blocked with 3% BSA in PBS (Product # 37525) for 30 minutes at room temperature. Cells were stained with a GM-130 Polyclonal Antibody, AlexaFluor 647 conjugate (Product # PA1-077-A647) at a dilution of 2.5 µg/mL in blocking buffer for 1 hour at room temperature protected from light. Nuclei (blue) were stained with Hoechst Dye (Product # 62249) at a dilution of 1:10,000 in blocking buffer. Images were taken on a Thermo Scientific ToxInsight Instrument at 20X magnification.



Immunohistochemistry (1)

<p>Nature communications</p> <p>A MST1-FOXO1 cascade establishes endothelial tip cell polarity and facilitates sprouting angiogenesis.</p> <p>"PA1-077-A647 was used in Immunohistochemistry to delineate a crucial coupling between extracellular hypoxia and an intracellular reactive oxygen species-MST1-FOXO1 cascade in establishing endothelial tip cell polarity during sprouting angiogenesis."</p> <p>Authors: Kim YH,Choi J,Yang MJ,Hong SP,Lee CK,Kubota Y,Lim DS,Koh GY</p>	<p>Year 2019</p> <p>Species Mouse</p>
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