

KD-Validated Anti-Golgi integral membrane protein 4 Rabbit Monoclonal Antibody
Rabbit monoclonal antibody
Catalog # AGI1526**Specification**

KD-Validated Anti-Golgi integral membrane protein 4 Rabbit Monoclonal Antibody - Product Information

Application	WB, FC
Primary Accession	O00461
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Calculated MW	Predicted, 82 kDa , observed, 130 kDa
Gene Name	KDa
Aliases	GOLIM4 GOLIM4; Golgi Integral Membrane Protein 4; GPP130; GIMPC; Golgi Phosphoprotein 4; GOLPH4; P138; Golgi-Localized Phosphoprotein Of 130 KDa; Golgi Integral Membrane Protein, Cis; Golgi Phosphoprotein Of 130 KDa; Cis Golgi-Localized Calcium-Binding Protein; 130 KDa Golgi-Localized Phosphoprotein; Type II Golgi Membrane Protein; GIMPC
Immunogen	A synthesized peptide derived from human GOLPH4

KD-Validated Anti-Golgi integral membrane protein 4 Rabbit Monoclonal Antibody - Additional Information

Gene ID	27333
Other Names	
Golgi integral membrane protein 4, Golgi integral membrane protein, cis, GIMPC, Golgi phosphoprotein 4, Golgi-localized phosphoprotein of 130 kDa, Golgi phosphoprotein of 130 kDa, GOLIM4, GIMPC, GOLPH4, GPP130	

KD-Validated Anti-Golgi integral membrane protein 4 Rabbit Monoclonal Antibody - Protein Information**Name** GOLIM4**Synonyms** GIMPC, GOLPH4, GPP130**Function**

Plays a role in endosome to Golgi protein trafficking; mediates protein transport along the late endosome-bypass pathway from the early endosome to the Golgi.

Cellular Location

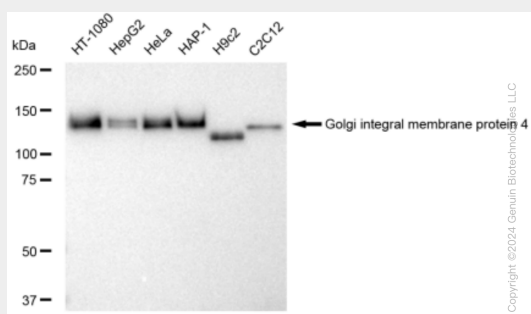
Golgi apparatus, Golgi stack membrane; Single-pass type II membrane protein. Endosome membrane; Single-pass type II membrane protein. Membrane; Lipid-anchor Note=Localizes to cis and medial Golgi cisternae. Probably cycles between early Golgi and distal compartments like endosome

KD-Validated Anti-Golgi integral membrane protein 4 Rabbit Monoclonal Antibody - Protocols

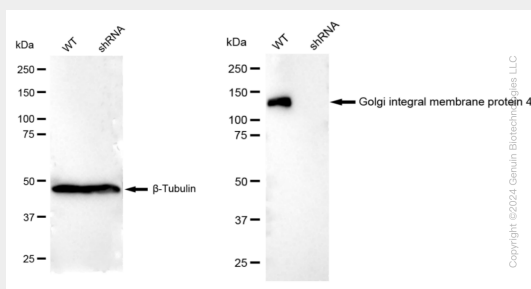
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

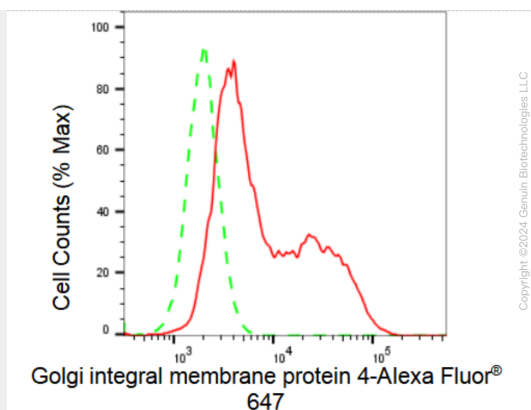
KD-Validated Anti-Golgi integral membrane protein 4 Rabbit Monoclonal Antibody - Images



Western blotting analysis using anti-Golgi integral membrane protein 4 antibody (Cat#AGI1526). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Golgi integral membrane protein 4 antibody (Cat#AGI1526, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-Golgi integral membrane protein 4 antibody (Cat#AGI1526). Golgi integral membrane protein 4 expression in wild type (WT) and Golgi integral membrane protein 4 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-Golgi integral membrane protein 4 antibody (Cat#AGI1526, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of Golgi integral membrane protein 4 expression in HAP-1 cells using Golgi integral membrane protein 4 antibody (Cat#AGI1526, 1:2,000). Green, isotype control; red, Golgi integral membrane protein 4.