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anti-GOLPH3 antibody (N-Term)

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Overview

Quantity:	400 μL
Target:	GOLPH3
Binding Specificity:	AA 1-30, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GOLPH3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS)

Product Details

Immunogen:	This GOLPH3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human GOLPH3.
Clone:	RB18062
Isotype:	Ig Fraction
Predicted Reactivity:	M, Rat
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	GOLPH3

Target Details

Alternative Name:	GOLPH3 (GOLPH3 Products)
Background:	The Golgi complex plays a key role in the sorting and modification of proteins exported from the endoplasmic reticulum. This protein is a peripheral membrane protein of the Golgi stack and may have a regulatory role in Golgi trafficking.
Molecular Weight:	33811
Gene ID:	64083
NCBI Accession:	NP_071413
UniProt:	Q9H4A6

Application Details

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Application Notes:	WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months

Publications

Product cited in:	Bolomini-Vittori, Montresor, Giagulli, Staunton, Rossi, Martinello, Constantin, Laudanna: " Regulation of conformer-specific activation of the integrin LFA-1 by a chemokine-triggered Rho signaling module." in: **Nature immunology**, Vol. 10, Issue 2, pp. 185-94, (2009) (PubMed).
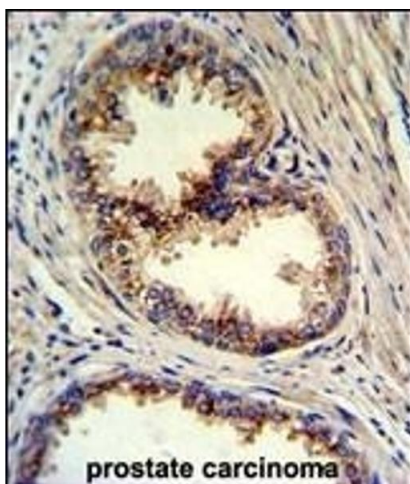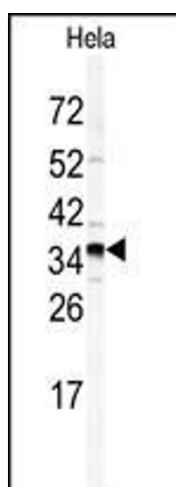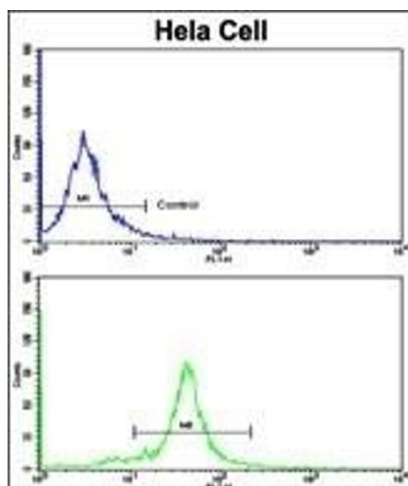
Images

Hela Cell

Flow Cytometry

Image 1. Flow cytometric analysis of hela cells using GOLPH3 Antibody (N-term)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Western Blotting

Image 2. Western blot analysis of GOLPH3 antibody (N-term) (ABIN391649 and ABIN2841557) in Hela cell line lysates (35 μg/lane). GOLPH3 (arrow) was detected using the purified Pab.

Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Formalin-fixed and paraffin-embedded human prostate carcinoma reacted with GOLPH3 Antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.