

## Anti-GOLPH2 Polyclonal Antibody

## Product Details

Ig Type:	IgG
Reactivity:	Human (predicted:Mouse,Rat,Dog,Cow,Horse)
Molecular Weight:	Theoretical: 45 kDa.
Purification:	Protein A purified

## Applications

Blank control (black line):	Hela.
Primary Antibody (green line):	Rabbit Anti-GOLPH2 antibody (TMAB-06635)
Dilution:	1 µg/Test;
Secondary Antibody (white blue line):	Goat anti-rabbit IgG-AF488
Dilution:	0.5 µg/Test.
Isotype control (orange line):	Normal Rabbit IgG
Verified Activity:	Protocol The cells were fixed with 4% PFA (10 min at room temperature) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C, The cells were then incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.
Application:	FCM
Recommended	FCM: 1µg/Test

## Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human GOLPH2
Antigen Species:	Human
Gene ID:	51280
Uniprot ID:	Q8NBJ4

## Research Background

GOLPH2 is widely expressed. Expression levels are high in the colon, prostate, trachea and stomach; expressed at lower level in testis, muscle, lymphoid tissues, white blood cells and spleen. GOLPH2 is predominantly expressed by cells of the epithelial lineage. It is expressed at a low level in normal liver, though expression significantly increases in virus (HBV, HCV) infected liver. Expression does not increase in liver disease due to non viral causes (alcohol induced liver disease, autoimmune hepatitis). Increased expression in hepatocytes appears to be a general feature of advanced liver disease. In liver tissue from patients with adult giant-cell hepatitis (GCH), it is strongly expressed in hepatocyte derived syncytial giant cells. GOLPH2 is constitutively expressed by biliary epithelial cells but not by

hepatocytes.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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