bs-4887R **[Primary Antibody]**

GOLPH2 Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 51280 **SWISS:** Q8NBJ4

Target: GOLPH2

Immunogen: KLH conjugated synthetic peptide derived from human GOLPH2: 21-120/401.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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 syncitial giant cells. GOLPH2 is constitutively expressed by biliary epithelial cells but not by hepatocytes.

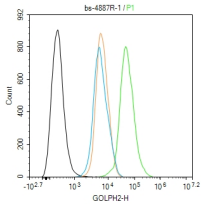
Applications: **Flow-Cyt** (1ug/Test)

Reactivity: Human (predicted: Mouse, Rat, Cow, Dog, Horse)

Predicted MW.: 45 kDa

Subcellular Location: Extracellular matrix ,Cell membrane ,Cytoplasm

VALIDATION IMAGES



Blank control（black line）:Hela. Primary Antibody (green line): Rabbit Anti-GOLPH2 antibody (bs-4887R) Dilution:1ug/Test; Secondary Antibody（white blue line）: Goat anti-rabbit IgG-AF488 Dilution: 0.5ug/Test. Isotype control（orange line）: Normal Rabbit IgG Protocol The cells were fixed with 4% PFA (10min 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.

SELECTED CITATIONS

- **[IF=6.023]** Ling Xie. et al. Suppression of GOLM1 by EGCG through HGF/HGFR/AKT/GSK-3β/β-catenin/c-Myc signaling

pathway inhibits cell migration of MDA-MB-231. Food Chem Toxicol. 2021 Nov;157:112574 WB ;human. 34536514