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# Recombinant Anti-GP73 Rabbit mAb

Catalog # AP94940

## Product Information

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|---|---|
| **Application** | WB, IHC, FC, IF/IC |
| **Primary Accession** | Q8NBJ4 |
| **Reactivity** | Human, Mouse, Rat |
| **Host** | Rabbit |
| **Clonality** | Monoclonal |
| **Calculated MW** | 45333 |

## Additional Information

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|---|---|
| **Gene ID** | 51280 |
| **Other Names** | C9orf155; GOLPH2; Golgi membrane protein 1; Golgi membrane protein GP73; Golgi phosphoprotein 2 |
| **Target/Specificity** | KLH-conjugated synthetic peptide encompassing a sequence within human GP73 protein. The exact sequence is proprietary. |
| **Dilution** | WB~~WB (1/500 - 1/1000) IHC~~1:100~500 FC~~1:10~50 IF/IC~~N/A |
| **Format** | Liquid in PBS, pH 7.3, 50% glycerol, 0.05% BSA, and 0.05% Proclin300. |
| **Storage** | Store at -20 °C.Stable for 12 months from date of receipt |

## Protein Information

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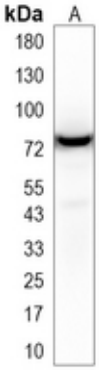
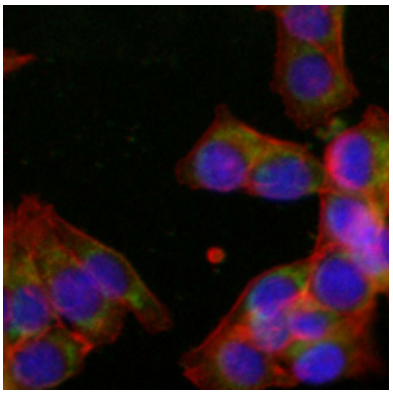
|---|---|
| **Name** | GOLM1 |
| **Synonyms** | C9orf155, GOLPH2 |
| **Function** | Unknown. Cellular response protein to viral infection. |
| **Cellular Location** | Golgi apparatus, cis-Golgi network membrane; Single-pass type II membrane protein. Note=Early Golgi. Cycles via the cell surface and endosomes upon lumenal pH disruption |
| **Tissue Location** | Widely expressed. Highly expressed in colon, prostate, trachea and stomach. Expressed at lower level in testis, muscle, lymphoid tissues, white blood cells and spleen. Predominantly expressed by cells of the epithelial lineage. Expressed at low level in normal liver. 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 hepatocytes-derived syncytial giant cells. Constitutively expressed by biliary epithelial cells but not by hepatocytes.

## Images




Western blot analysis of GP73 expression in LnCaP (A) whole cell lysates. (Predicted band size: 45 kD; Observed band size: 80 kD)



Immunofluorescent analysis of GP73 staining in LnCaP cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with an AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).