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Product datasheet for TA504112M

GOLPH2 (GOLM1) Mouse Monoclonal Antibody [Clone ID: OTI4B12]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI4B12
Applications:	FC, IF, IHC, WB
Recommended Dilution:	WB 1:200~500, IHC 1:150, IF 1:100, FLOW 1:100
Reactivity:	Human, Monkey
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human GOLM1(NP_808800) produced in HEK293T cell.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	45.2 kDa
Gene Name:	golgi membrane protein 1
Database Link:	NP_808800 Entrez Gene 715029 MonkeyEntrez Gene 51280 Human Q8NBJ4

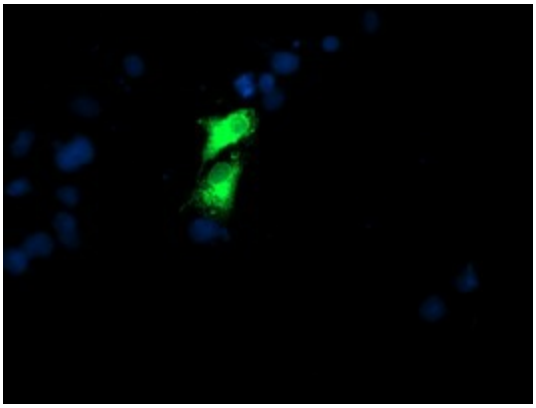
View online »

Background: The Golgi complex plays a key role in the sorting and modification of proteins exported from the endoplasmic reticulum. The protein encoded by this gene is a type II Golgi transmembrane protein. It processes proteins synthesized in the rough endoplasmic reticulum and assists in the transport of protein cargo through the Golgi apparatus. The expression of this gene has been observed to be upregulated in response to viral infection. Alternatively spliced transcript variants encoding the same protein have been described for this gene. [provided by RefSeq]

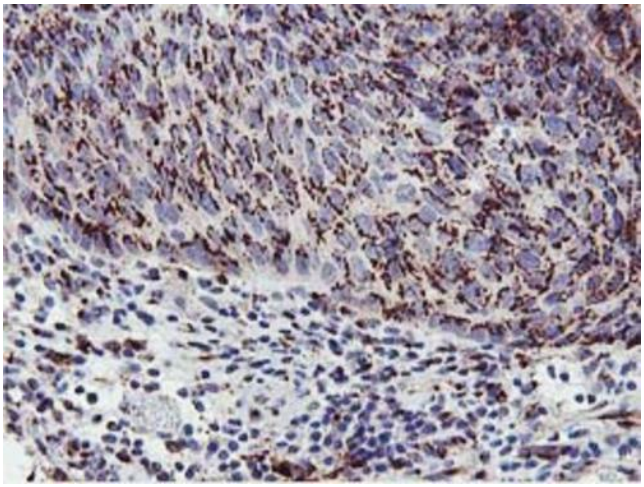
Synonyms: bA379P1.3; C9orf155; GOLPH2; GP73; HEL46; PSEC0257

Protein Families: Transmembrane

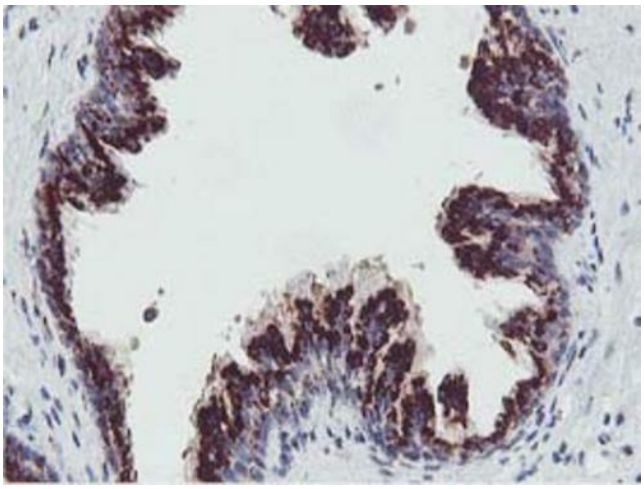
Product images:



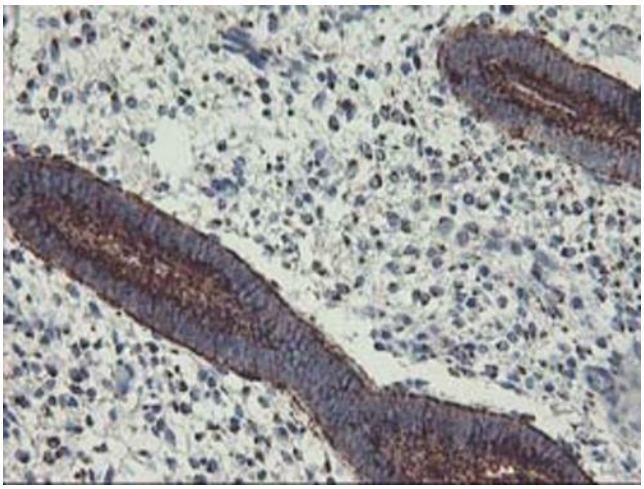
Anti-GOLM1 mouse monoclonal antibody ([TA504112]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY GOLM1 ([RC200086]).



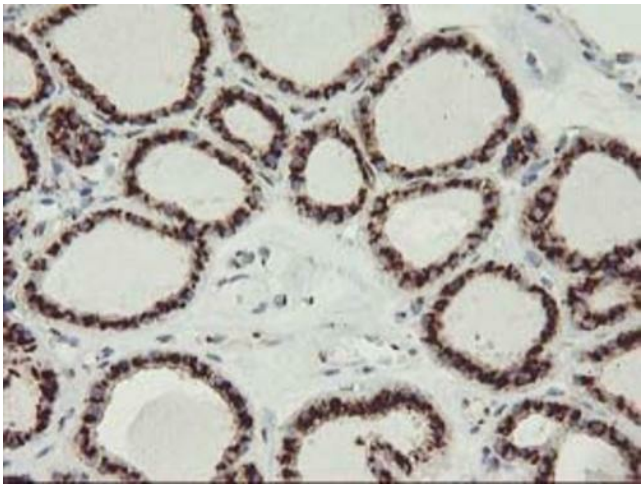
Immunohistochemical staining of paraffin-embedded Carcinoma of Human bladder tissue using anti-GOLM1 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



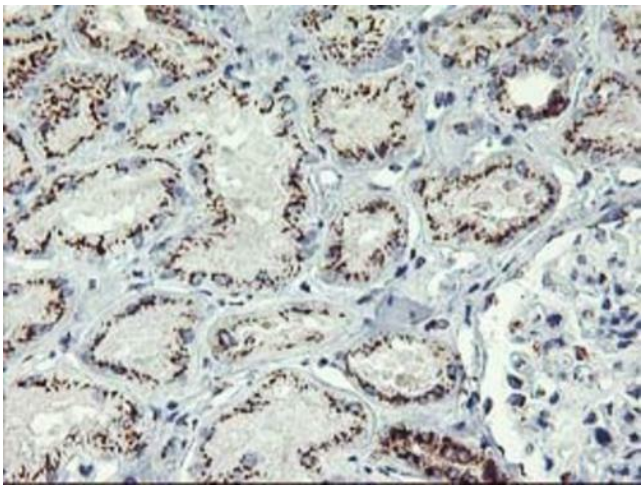
Immunohistochemical staining of paraffin-embedded Human prostate tissue within the normal limits using anti-GOLM1 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



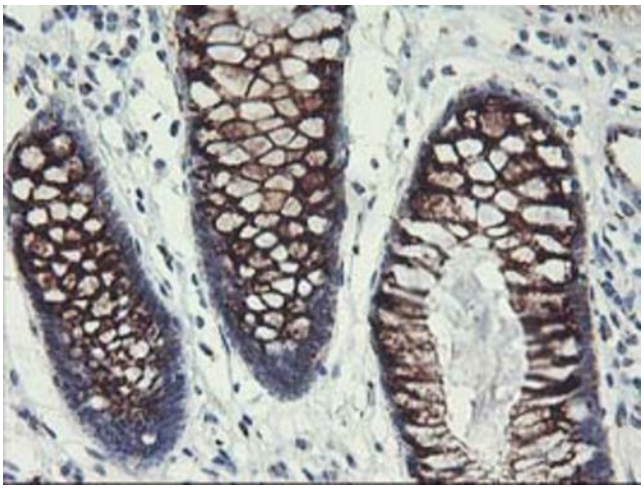
Immunohistochemical staining of paraffin-embedded Human endometrium tissue within the normal limits using anti-GOLM1 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



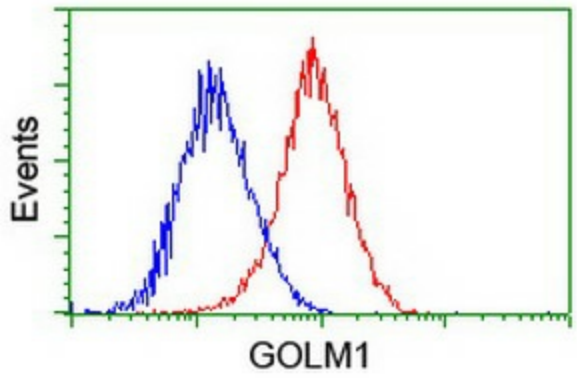
Immunohistochemical staining of paraffin-embedded Carcinoma of Human thyroid tissue using anti-GOLM1 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



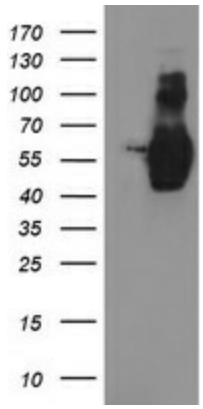
Immunohistochemical staining of paraffin-embedded Human Kidney tissue within the normal limits using anti-GOLM1 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



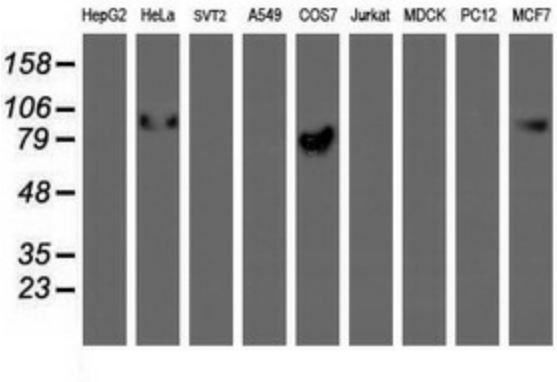
Immunohistochemical staining of paraffin-embedded Human colon tissue within the normal limits using anti-GOLM1 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



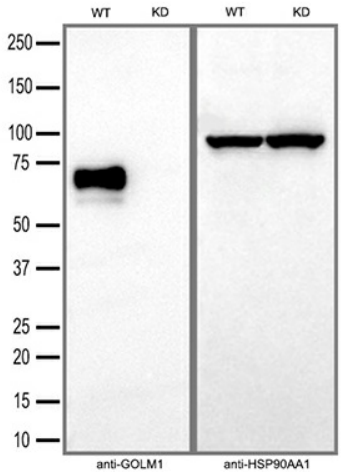
Flow cytometric Analysis of Hela cells, using anti-GOLM1 antibody ([TA504112]), (Red), compared to a nonspecific negative control antibody, (Blue).



HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY GOLM1 (Cat# [RC200086], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-GOLM1(Cat# [TA504112]). Positive lysates [LY406091] (100ug) and [LC406091] (20ug) can be purchased separately from OriGene.



Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-GOLM1 monoclonal antibody.



Equivalent amounts of cell lysates (30 ug per lane) of wild-type HeLa cells(WT) and GOLM1-Knockdown HeLa cells(KD) were separated by SDS-PAGE and immunoblotted with anti-GOLM1 monoclonal antibody [TA504112](1:1000).Then the blotted membrane was stripped and reprobed with anti-HSP90AA1 antibody as a loading control.