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Product datasheet for TA504165M

GOLPH2 (GOLM1) Mouse Monoclonal Antibody [Clone ID: OTI2D6]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI2D6
Applications:	FC, IF, IHC, WB
Recommended Dilution:	WB 1:2000, IHC 1:150, IF 1:100, FLOW 1:100
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a
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:	0.98 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 51280 Human Q8NBJ4

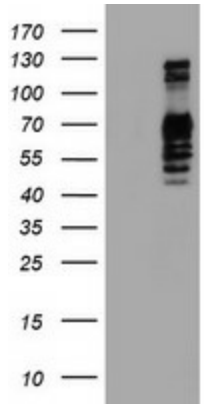
View online »

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]

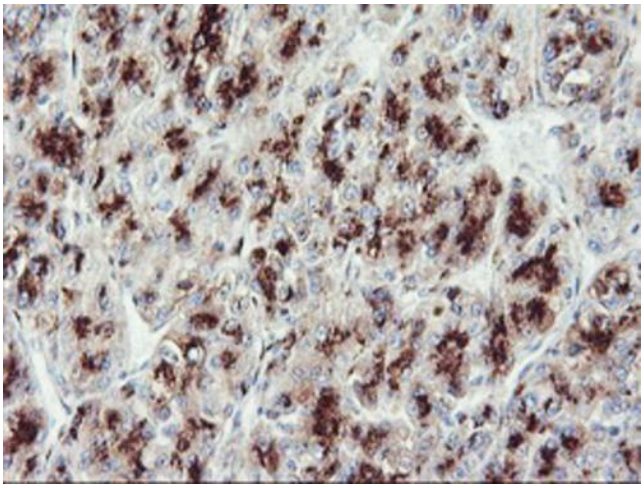
Synonyms: bA379P1.3; C9orf155; GOLPH2; GP73; HEL46; PSEC0257

Protein Families: Transmembrane

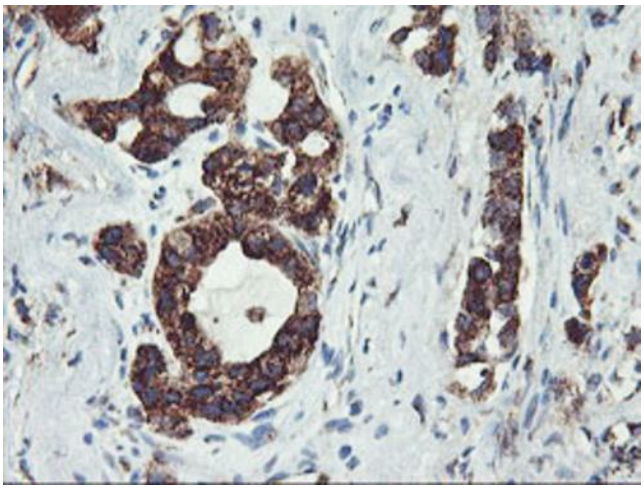
Product images:



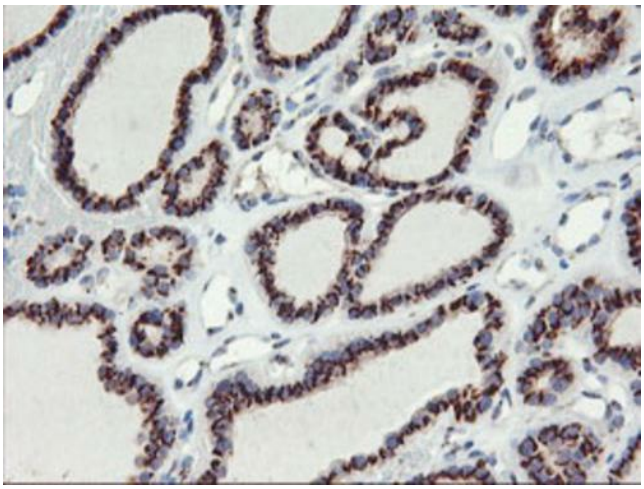
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY GOLM1 ([RC200086], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-GOLM1. Positive lysates [LY406091] (100ug) and [LC406091]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



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

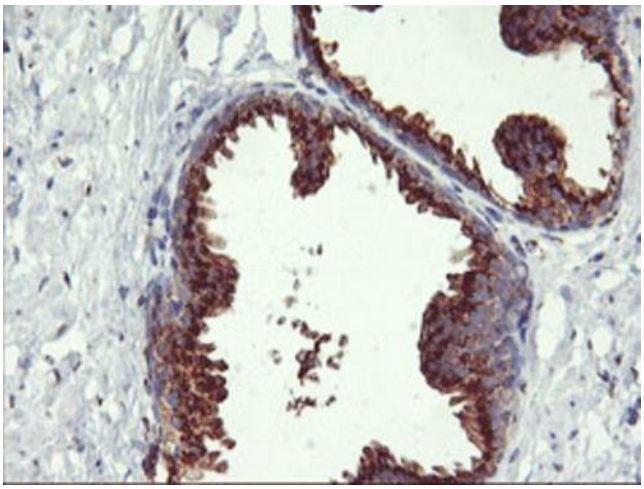


Immunohistochemical staining of paraffin-embedded Carcinoma of Human lung tissue using anti-GOLM1 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.

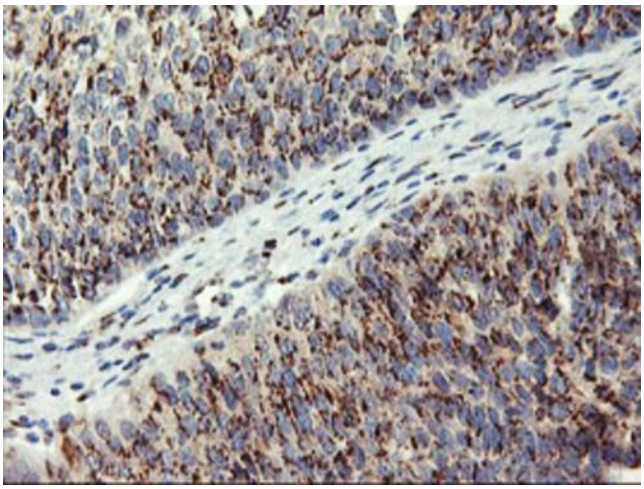


Immunohistochemical staining of paraffin-embedded Carcinoma of Human thyroid tissue using anti-GOLM1 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.

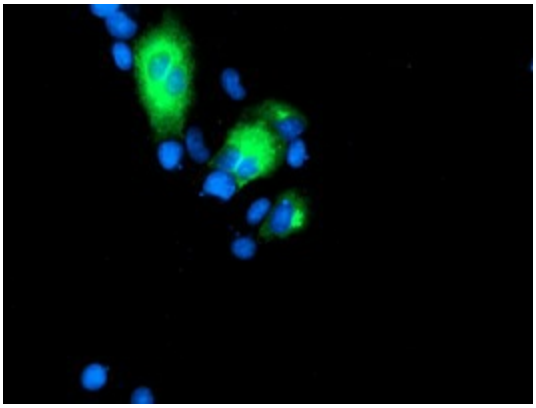
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-GOLM1 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



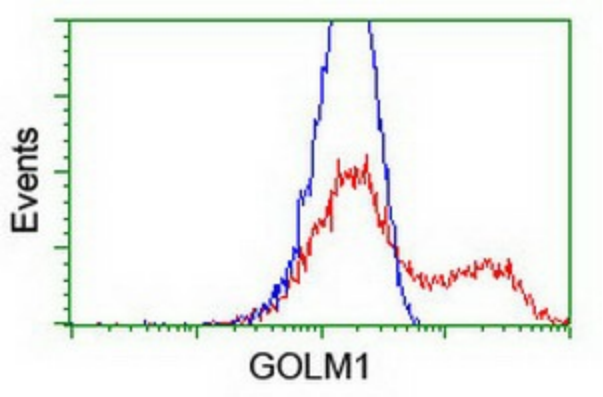
Immunohistochemical staining of paraffin-embedded Human prostate tissue within the normal limits using anti-GOLM1 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



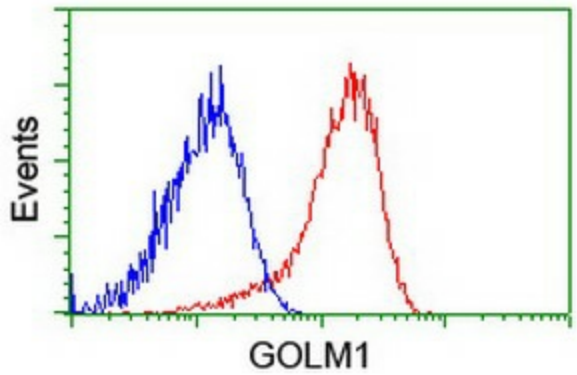
Immunohistochemical staining of paraffin-embedded Carcinoma of Human bladder tissue using anti-GOLM1 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



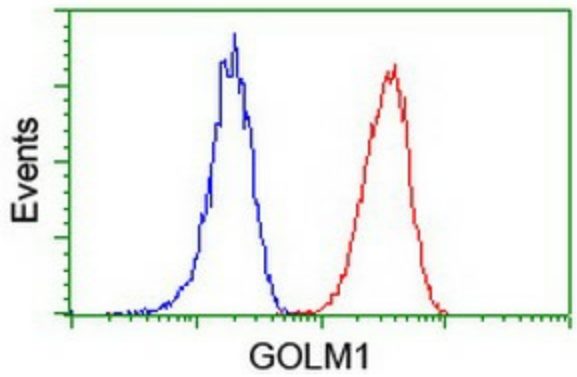
Anti-GOLM1 mouse monoclonal antibody ([TA504165]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY GOLM1 ([RC200086]).



HEK293T cells transfected with either [RC200086] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-GOLM1 antibody ([TA504165]), and then analyzed by flow cytometry.



Flow cytometric Analysis of Hela cells, using anti-GOLM1 antibody ([TA504165]), (Red), compared to a nonspecific negative control antibody, (Blue).



Flow cytometric Analysis of Jurkat cells, using anti-GOLM1 antibody ([TA504165]), (Red), compared to a nonspecific negative control antibody, (Blue).