

# Product Datasheet

## GOLM1 Antibody (5B10) - Azide and BSA Free H00051280-M06-100ug

Unit Size: 100 ug

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**H00051280-M06-100ug**

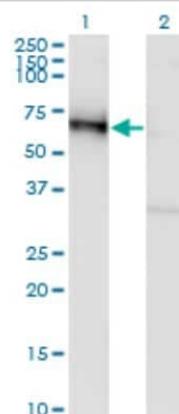
GOLM1 Antibody (5B10) - Azide and BSA Free

Product Information	
<b>Unit Size</b>	100 ug
<b>Concentration</b>	This product is unpurified. The exact concentration of antibody is not quantifiable.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	5B10
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG1 Kappa
<b>Purity</b>	Ascites
<b>Buffer</b>	In 1x PBS, pH 7.4
Product Description	
<b>Host</b>	Mouse
<b>Gene ID</b>	51280
<b>Gene Symbol</b>	GOLM1
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	GOLPH2 - golgi phosphoprotein 2 (5B10)
<b>Immunogen</b>	GOLM1 (NP_057632, 302 a.a. ~ 401 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. VQAALSVSQENPEMEGPERDQLVIPDGGQEEEQEAAGEGRNQKLRGEDDYN MDENEAESETDKQAALAGNDRNIDVFNVEDQKRDTINLLDQREKRNHTL
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
<b>Applications</b>	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1:500, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin
<b>Application Notes</b>	Antibody reactive against recombinant protein for Western Blot. Has also been used for immunohistochemistry (paraffin) and ELISA.

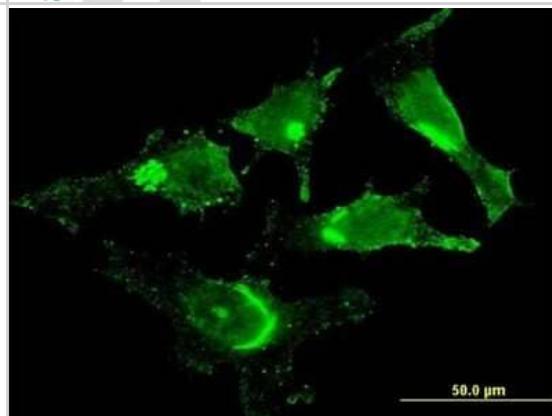


## Images

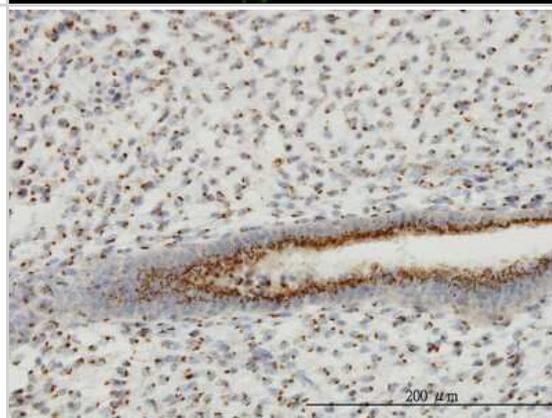
Western Blot: GOLM1 Antibody (5B10) [H00051280-M06] - Analysis of GOLM1 expression in transfected 293T cell line by GOLM1 monoclonal antibody (M06), clone 5B10. Lane 1: GOLM1 transfected lysate (45.3 KDa). Lane 2: Non-transfected lysate.



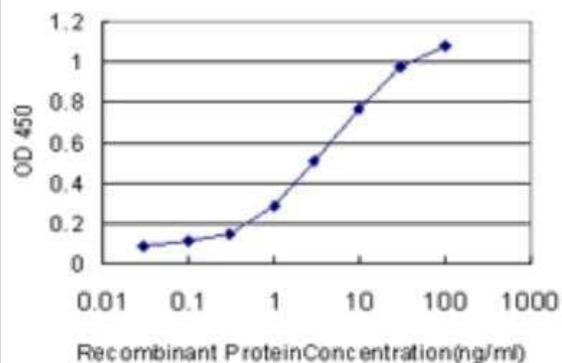
Immunocytochemistry/Immunofluorescence: GOLM1 Antibody (5B10) [H00051280-M06] - Analysis of monoclonal antibody to GOLM1 on HeLa cell. Antibody concentration 10 ug/ml



Immunohistochemistry-Paraffin: GOLM1 Antibody (5B10) [H00051280-M06] - Analysis of monoclonal antibody to GOLM1 on formalin-fixed paraffin-embedded human endometrium. Antibody concentration 3 ug/ml



ELISA: GOLM1 Antibody (5B10) [H00051280-M06] - Detection limit for recombinant GST tagged GOLPH2 is approximately 0.1ng/ml as a capture antibody.



## Publications

Liewen H, Markuly N, Laubli H et al. Therapeutic Targeting of Golgi Phosphoprotein 2 (GOLPH2) with Armed Antibodies: A Preclinical Study of Anti-GOLPH2 Antibody Drug Conjugates in Lung and Colorectal Cancer Models of Patient Derived Xenografts (PDX). *Target Oncol.* 2019-10-15 [PMID: 31541350]

Hirst J, Itzhak D, Antrobus R et al. Role of the AP-5 adaptor protein complex in late endosome-to-Golgi retrieval. *PLoS Biol.* 2018-01-15 [PMID: 29381698]

Wei S, Dunn TA, Isaacs WB et al. GOLPH2 and MYO6: putative prostate cancer markers localized to the Golgi apparatus. *Prostate.* 2008-09-15 [PMID: 18543251]

Kristiansen G, Fritzsche FR, Wassermann K et al. GOLPH2 protein expression as a novel tissue biomarker for prostate cancer: implications for tissue-based diagnostics. *Br J Cancer.* 2008-09-16 [PMID: 18781151]

Scheble VJ, Braun M, Wilbertz T et al. ERG rearrangement in small cell prostatic and lung cancer. *Histopathology.* 2010-01-10 [PMID: 20636794]

Braun M, Menon R, Nikolov P et al. The HOPE fixation technique - a promising alternative to common prostate cancer biobanking approaches. *BMC Cancer.* 2011-12-07 [PMID: 22151117]





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### **Products Related to H00051280-M06-100ug**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP2-23084	Recombinant Human GOLM1 His Protein

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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