

Product Datasheet

GCM1 Antibody (2E11) - Azide and BSA Free H00008521-M05

Unit Size: 0.1 mg

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

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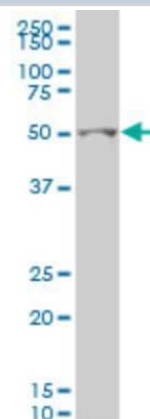
H00008521-M05

GCM1 Antibody (2E11) - Azide and BSA Free

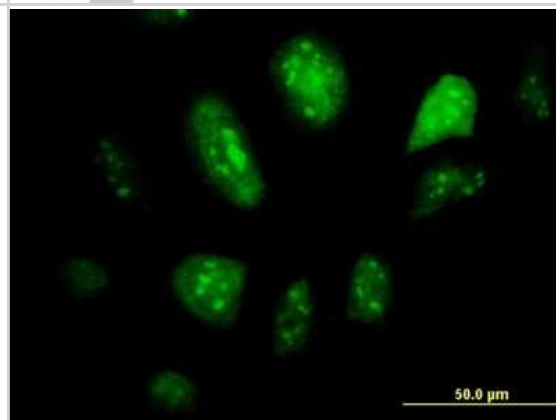
Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	2E11
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	8521
Gene Symbol	GCM1
Species	Human
Specificity/Sensitivity	GCM1 - glial cells missing homolog 1 (Drosophila)
Immunogen	GCM1 (NP_003634, 108 a.a. ~ 166 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. QQRKRCPNCDGPLKLIPCRGHGGFPVTNFWRHDGRFIFQSKGEHDHPKPET KLEAEA*
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Sandwich ELISA
Recommended Dilutions	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Sandwich ELISA
Application Notes	Antibody reactivity against cell lysate for WB. It has been used for IF, IHC-P and ELISA.

Images

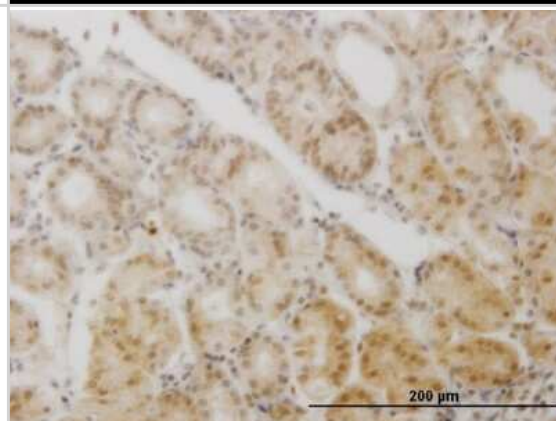
Western Blot: GCM1 Antibody (2E11) [H00008521-M05] - Analysis of GCM1 expression in FHs 173 WE.



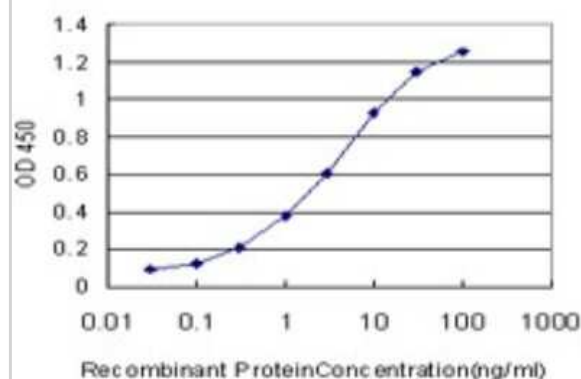
Immunocytochemistry/Immunofluorescence: GCM1 Antibody (2E11) [H00008521-M05] - Analysis of monoclonal antibody to GCM1 on HeLa cell. Antibody concentration 10 ug/ml



Immunohistochemistry-Paraffin: GCM1 Antibody (2E11) [H00008521-M05] - Analysis of monoclonal antibody to GCM1 on formalin-fixed paraffin-embedded human stomach. Antibody concentration 1.7 ug/ml



Sandwich ELISA: GCM1 Antibody (2E11) [H00008521-M05] - Detection limit for recombinant GST tagged GCM1 is approximately 0.1ng/ml as a capture antibody.



Publications

Hua Z, Bo P, Christian K et al. NPFF Increases Fusogenic Proteins Syncytin 1 and Syncytin 2 via GCM1 in First Trimester Primary Human Cytotrophoblast Cells. *FASEB J.* 2020-06-05 [PMID: 32501590]



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Products Related to H00008521-M05

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
NBP2-48520PEP	GCM1 Recombinant Protein Antigen

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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