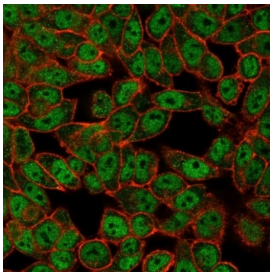
GCM2 Antibody / Glial cells missing homolog 2 [clone PCRP-GCM2-1B3] (V5018)

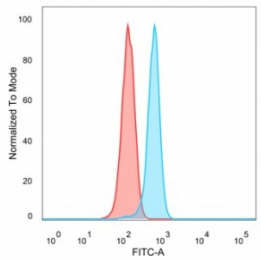
Catalog No.	Formulation	Size
V5018-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V5018-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V5018SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

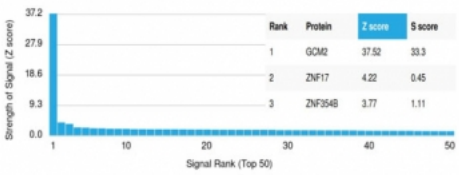
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2b
Clone Name	PCRP-GCM2-1B3
Purity	Protein A/G affinity
UniProt	P41182
Localization	Nucleus
Applications	Flow Cytometry : 1-2ug/million cells Immunofluorescence : 1-2ug/ml
Limitations	This GCM2 antibody is available for research use only.



Immunofluorescent staining of PFA-fixed human HeLa cells with GCM2 antibody (clone PCRP-GCM2-1B3) followed by goat anti-mouse IgG-CF488 (green); Red = CF640R phalloidin.



Flow cytometry testing of PFA-fixed human HeLa cells with GCM2 antibody (clone PCRP-GCM2-1B3) followed by goat anti-mouse IgG-CF488 (blue); Red = unstained cells.



Analysis of a HuProt(TM) microarray containing more than 19,000 full-length human proteins using GCM2 antibody (clone PCRP-GCM2-1B3). Z- and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody (in combination with a fluorescently-tagged anti-IgG secondary antibody) produces when binding to a particular protein on the HuProt(TM) array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If targets on HuProt(TM) are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-score. S-score therefore represents the relative target specificity of a mAb to its intended target. A mAb is considered to specific to its intended target, if the mAb has an S-score of at least 2.5. For example, if a mAb binds to protein X with a Z-score of 43 and to protein Y with a Z-score of 14, then the S-score for the binding of that mAb to protein X is equal to 29.

Description

Chorion-specific transcription factor GCMb / Glial cells missing homolog 2 / GCM2 is a transcription factor that binds specific sequences on gene promoters and activate their transcription. Through the regulation of gene transcription, may play a role in parathyroid gland development. [UniProt]

Application Notes

Optimal dilution of the GCM2 antibody should be determined by the researcher.

Immunogen

Recombinant human GCM2 protein was used as the immunogen for the GCM2 antibody.

Storage

Aliquot the GCM2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.