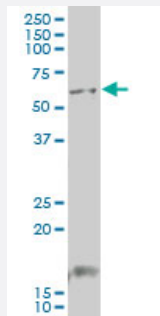


GCM1 monoclonal antibody (M04), clone 4E8

Catalog # H00008521-M04

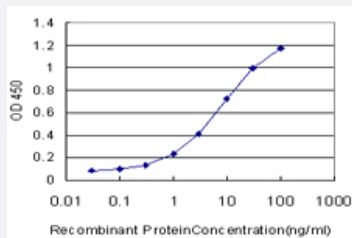
Size 100 ug

Applications



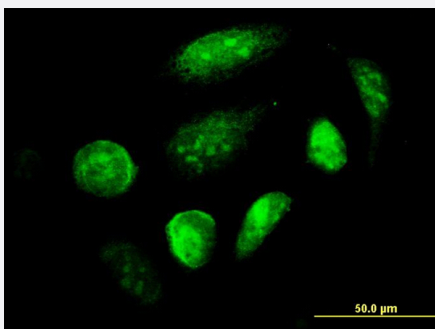
Western Blot (Cell lysate)

GCM1 monoclonal antibody (M04), clone 4E8. Western Blot analysis of GCM1 expression in FHs 173 WE.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged GCM1 is approximately 0.1ng/ml as a capture antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to GCM1 on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant GCM1.

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.
Sequence	QQRKRCPNCDGPLKLIPCRGHGGFPVTNFWRHDGRGRIFFQSKGEHDHPKPKETKLEAEA*
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

GCM1 monoclonal antibody (M04), clone 4E8. Western Blot analysis of GCM1 expression in FHs 173 WE.

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged GCM1 is approximately 0.1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to GCM1 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — GCM1

Entrez GeneID	8521
GeneBank Accession#	NM_003643
Protein Accession#	NP_003634
Gene Name	GCM1

Gene Alias	GCMA, hGCMA
Gene Description	glial cells missing homolog 1 (Drosophila)
Omim ID	603715
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a DNA-binding protein with a gcm-motif (glial cell missing motif). The encoded protein is a homolog of the Drosophila glial cells missing gene (gcm). This protein binds to the GCM-motif (A/G)CCCGCAT, a novel sequence among known targets of DNA-binding proteins. The N-terminal DNA-binding domain confers the unique DNA-binding activity of this protein. [provided by RefSeq]
Other Designations	GCM motif protein 1 OTTHUMP00000016631 chorion-specific transcription factor GCMA glial cells missing homolog a

Disease

- [Alzheimer disease](#)
- [Cerebral Amyloid Angiopathy](#)
- [Disease Susceptibility](#)
- [Genetic Predisposition to Disease](#)
- [Glomerulonephritis](#)
- [Neuroblastoma](#)