



# MDGA1 Monoclonal Antibody

<b>Catalog No</b>	BYmab-06863
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse
<b>Applications</b>	WB
<b>Gene Name</b>	MDGA1 MAMDC3
<b>Protein Name</b>	MAM domain-containing glycosylphosphatidylinositol anchor protein 1 (GPI and MAM protein) (GPIM) (Glycosylphosphatidylinositol-MAM) (MAM domain-containing protein 3)
<b>Immunogen</b>	Synthesized peptide derived from part region of human protein
<b>Specificity</b>	MDGA1 Monoclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source</b>	Monoclonal, Mouse,IgG
<b>Purification</b>	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	105kD
<b>Cell Pathway</b>	Cell membrane ; Lipid-anchor, GPI-anchor . Associated with lipid rafts.
<b>Tissue Specificity</b>	Has been found in brain, heart, skeletal muscle and kidney. Found to be overexpressed in tumor tissues.
<b>Function</b>	function:Required for radial migration of cortical neurons in the superficial layer of the neocortex.,similarity:Contains 1 fibronectin type-III domain.,similarity:Contains 1 MAM domain.,similarity:Contains 6 Ig-like (immunoglobulin-like) domains.,subcellular location:Associated with lipid rafts.,subunit:Interacts heterophilically through its MAM domain with proteins in axon-rich regions and through its Ig-like domains with proteins in differentiating muscle.,tissue specificity:Has been found in brain, heart, skeletal muscle and kidney. Found to be overexpressed in tumor tissues.,
<b>Background</b>	This gene encodes a glycosylphosphatidylinositol (GPI)-anchored cell surface glycoprotein that is expressed predominantly in the developing nervous system. In

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addition to possessing several cell adhesion molecule-like domains, the mature protein has six Ig-like domains, a single fibronectin type III domain, a MAM domain and a C-terminal GPI-anchoring site. Studies in other mammals suggest this protein plays a role in cell adhesion, migration, and axon guidance and, in the developing brain, neuronal migration. In humans, this gene is associated with bipolar disorder and schizophrenia. [provided by RefSeq, Oct 2016],

**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images

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