

For Research Use Only

MDGA1 Recombinant monoclonal antibody, PBS Only

Catalog Number: 87078-1-PBS



Basic Information

Catalog Number: 87078-1-PBS	GenBank Accession Number: NM_153487.4	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 266727	CloneNo.: 252174C9
Source: Rabbit	UNIPROT ID: Q8NFP4-1	
Isotype: IgG	Full Name: MAM domain containing glycosylphosphatidylinositol anchor 1	
Immunogen Catalog Number: EG5837	Calculated MW: 106 kDa	
	Observed MW: 130 kDa	

Applications

Tested Applications:
WB, IHC, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

The MAM domain GPI-anchored molecule (MDGA) family proteins are glycosylphosphatidylinositol (GPI) anchored proteins, consisting of MDGA1 and MDGA2. They are highly expressed in the central nervous system and can act as type-specific synaptic repressors (PMID: 41124857; 38900791). MDGA1 contains Ig and MAM domains that are involved in cell motility and play a role in cell migration and/or adhesion (PMID: 35532105). MDGA1 is a glycoprotein containing 955 amino acids with an observed molecular weight of 130-140 kDa (PMID: 35532105; 26776515; 21505559).

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

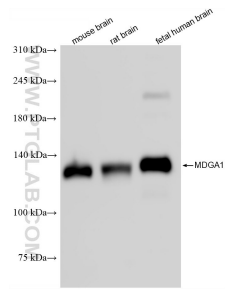
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

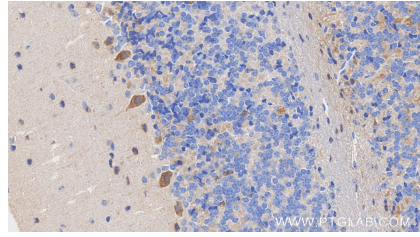
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87078-1-RR (MDGA1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 87078-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse cerebellum tissue slide using 87078-1-RR (MDGA1 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 87078-1-PBS in a different storage buffer formulation.