

For Research Use Only

MAGOH Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number: 88341-1-PBS



Basic Information

Catalog Number:	88341-1-PBS	GenBank Accession Number:	BC018211	Purification Method:	Protein A purification
Source:	Rabbit	GeneID (NCBI):	4116	CloneNo.:	260941F11
Isotype:	IgG	UNIPROT ID:	P61326		
Immunogen Catalog Number:	AG3004	Full Name:	mago-nashi homolog, proliferation-associated (Drosophila)		
		Calculated MW:	146 aa, 17 kDa		
		Observed MW:	15-17 kDa		

Applications

Tested Applications:
WB, Cytometric bead array, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

MAGOH, belonging to the mago nashi family, is a component of a splicing-dependent multiprotein exon junction complex (EJC) deposited at splice junction on mRNAs. The EJC is a dynamic structure consisting of a few core proteins and several more peripheral nuclear and cytoplasmic associated factors that join the complex only transiently either during EJC assembly or during subsequent mRNA metabolism. Core components of the EJC functions to mark the position of the exon-exon junction in the mature mRNA and thereby influences downstream processes of gene expression including mRNA splicing, nuclear mRNA export, subcellular mRNA localization, translation efficiency and nonsense-mediated mRNA decay (NMD). MAGOH regulates the transcriptional activation of STAT3 by interfering complex formation between STAT3 and a core EJC component Y14.

Storage

Storage:
Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

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

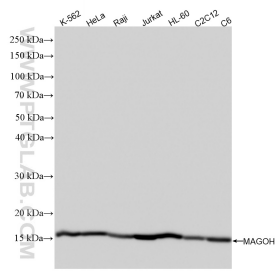
T: 4006900926

E: Proteintech-CN@ptglab.com

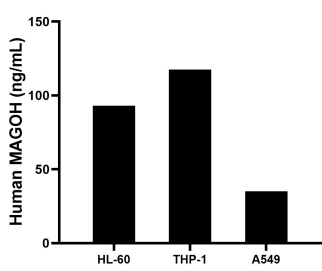
W: ptgcn.com

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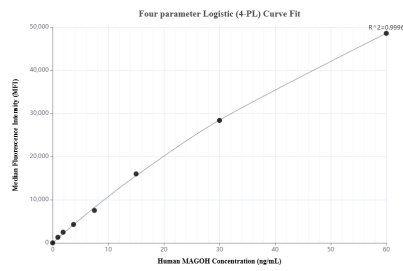
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 88341-1-RR (MAGOH antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 88341-1-PBS in a different storage buffer formulation.



The mean MAGOH concentration was determined to be 93.0 ng/mL in HL-60 cell extract based on a 1.0 mg/mL extract load, 117.5 ng/mL in THP-1 cell extract based on a 1.0 mg/mL extract load, 35.0 ng/mL in A549 cell extract based on a 1.0 mg/mL extract load.



Cytometric bead array standard curve of MP03492-1, MAGOH Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 88341-1-PBS. Detection antibody: 88341-2-PBS. Standard: Ag3004. Range: 0.938-60 ng/mL.