

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
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 4116	CloneNo.: 260941F11
Source: Rabbit	UNIPROT ID: P61326	
Isotype: IgG	Full Name: mago-nashi homolog, proliferation-associated (Drosophila)	
Immunogen Catalog Number: AG3004	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

Product Information

88341-1-PBS targets MAGOH as part of a matched antibody pair:

MP03492-1: 88341-1-PBS capture and 88341-2-PBS detection (validated in Cytometric bead array)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

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

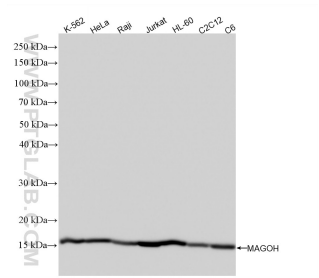
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

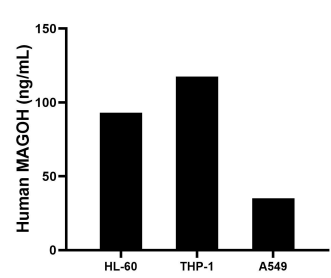
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

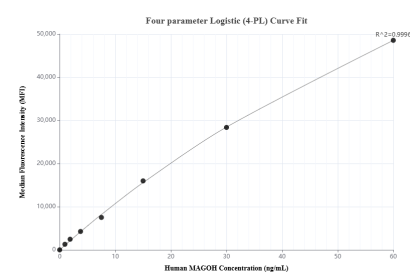
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 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.