

# MAGOH Recombinant monoclonal antibody

Catalog Number: 88341-1-RR

## Basic Information

**Catalog Number:**

88341-1-RR

**Size:**

100ul , Concentration: 1000 µg/ml by Nanodrop;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG3004

**GenBank Accession Number:**

BC018211

**GeneID (NCBI):**

4116

**UNIPROT ID:**

P61326

**Full Name:**

mago-nashi homolog, proliferation-associated (Drosophila)

**Calculated MW:**

146 aa, 17 kDa

**Observed MW:**

15-17 kDa

**Purification Method:**

Protein A purification

**CloneNo.:**

260941F11

**Recommended Dilutions:**

WB: 1:5000-1:50000

## Applications

**Tested Applications:**

WB, ELISA

**Species Specificity:**

human, mouse, rat

**Positive Controls:**

WB : K-562 cells, HeLa cells, Raji cells, Jurkat cells, HL-60 cells, C2C12 cells, C6 cells

## 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 -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

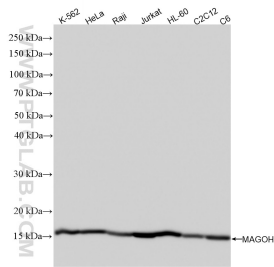
**\*\*\* 20ul sizes contain 0.1% BSA**

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](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://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.