

For Research Use Only

# MAGOH Monoclonal antibody

Catalog Number: 68293-1-Ig



## Basic Information

<b>Catalog Number:</b> 68293-1-Ig	<b>GenBank Accession Number:</b> BC018211	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 500 µg/ml	<b>GeneID (NCBI):</b> 4116	<b>CloneNo.:</b> 2G6B9
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P61326	<b>Recommended Dilutions:</b> WB 1:5000-1:50000
<b>Isotype:</b> IgG1	<b>Full Name:</b> mago-nashi homolog, proliferation-associated (Drosophila)	
<b>Immunogen Catalog Number:</b> AG3004	<b>Calculated MW:</b> 146 aa, 17 kDa	
	<b>Observed MW:</b> 17 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB: LNCaP cells, HeLa cells, HEK-293 cells, Jurkat cells, K-562 cells
<b>Species Specificity:</b> Human, MOUSE, RAT, RABBIT	

## 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 pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

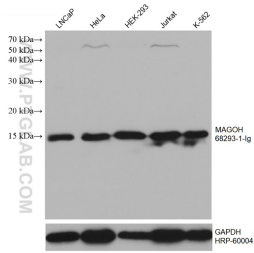
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68293-1-Ig (MAGOH antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.