

# MAGOH Monoclonal antibody, PBS Only

Catalog Number: 68293-1-PBS

## Basic Information

<b>Catalog Number:</b> 68293-1-PBS	<b>GenBank Accession Number:</b> BC018211	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 1 mg/ml	<b>GeneID (NCBI):</b> 4116	<b>CloneNo.:</b> 2G6B9
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P61326	
<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

**Tested Applications:**  
WB, Indirect ELISA

**Species Specificity:**  
Human, MOUSE, RAT, RABBIT

## Background Information

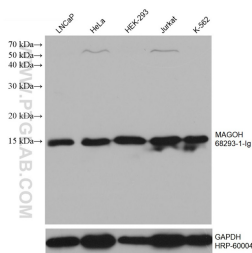
MAGOH, belonging to the mago nashi family, is a component of a splicing-dependent multiprotein exon junction complex (EJC) deposited at splice junction on mRNAs. The EJC is a dynamic structure consisting of a few core proteins and several more peripheral nuclear and cytoplasmic associated factors that 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 -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

**Storage Buffer:**  
PBS Only

## 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. This data was developed using the same antibody clone with 68293-1-PBS in a different storage buffer formulation.