

For Research Use Only

# HINT1 Monoclonal antibody

Catalog Number: 60031-1-Ig 1 Publications



## Basic Information

<b>Catalog Number:</b> 60031-1-Ig	<b>GenBank Accession Number:</b> BC007090	<b>Purification Method:</b> Thiophilic affinity chromatograph
<b>Size:</b> 150ul , Concentration: 1000 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 3094	<b>CloneNo.:</b> 6C5E6
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P49773	
<b>Isotype:</b> IgM	<b>Full Name:</b> histidine triad nucleotide binding protein 1	
<b>Immunogen Catalog Number:</b> AG1142	<b>Calculated MW:</b> 14 kDa	
	<b>Observed MW:</b> 14 kDa	

## Applications

**Tested Applications:**  
ELISA

**Cited Applications:**  
Control

**Species Specificity:**  
human, mouse

**Cited Species:**  
mouse

## Background Information

HINT1(Histidine triad nucleotide-binding protein 1) is also named as HINT, PKCI1, PRKCNH1, which is a member of the histidine triad (HIT) family, highly conserved in diverse species and ubiquitously expressed in mammalian tissues. It hydrolyzes adenosine 5'-monophosphoramidate substrates such as AMP-morpholidate, AMP-N-alanine methyl ester, AMP-alpha-acetyl lysine methyl ester and AMP-NH<sub>2</sub>.

## Notable Publications

Author	Pubmed ID	Journal	Application
Nan Liu	28849063	Mol. Med Rep	Control

## 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:  
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