

For Research Use Only

# HSPA4 Monoclonal antibody, PBS Only



Catalog Number: 67173-1-PBS

## Basic Information

<b>Catalog Number:</b> 67173-1-PBS	<b>GenBank Accession Number:</b> BC110861	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1 mg/ml	<b>GeneID (NCBI):</b> 3308	<b>CloneNo.:</b> 2F2C12
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P34932	
<b>Isotype:</b> IgM	<b>Full Name:</b> heat shock 70kDa protein 4	
<b>Immunogen Catalog Number:</b> AG16624	<b>Calculated MW:</b> 840 aa, 94 kDa	
	<b>Observed MW:</b> 110 kDa	

## Applications

**Tested Applications:**  
WB, ELISA

**Species Specificity:**  
Human, pig

## Background Information

HSPA4 (also known as Apg-2, HSP70RY) is a 110 kDa cytosolic protein, a member of the heat-shock protein 110 (Hsp 110) subfamily of Hsp70 proteins which are highly conserved chaperons implicated in protein folding, protein refolding, protein transport, and protein targeting. HSPA4 is ubiquitously expressed and its expression is not heat inducible. Overexpression of HSPA4 has been reported in some Leukemia and solid tumors.

## Storage

**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS only

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

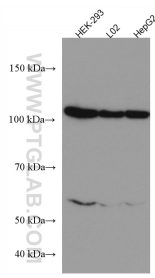
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

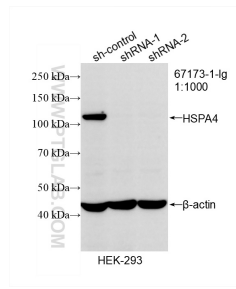
W: [ptgcn.com](http://ptgcn.com)

**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 67173-1-Ig (HSPA4 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67173-1-PBS in a different storage buffer formulation.



WB result of HSPA4 antibody (67173-1-Ig; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-HSPA4 transfected HEK-293 cells. This data was developed using the same antibody clone with 67173-1-PBS in a different storage buffer formulation.