

For Research Use Only

HSPA4 Monoclonal antibody

Catalog Number: 67173-1-Ig **Featured Product**



Basic Information

Catalog Number: 67173-1-Ig	GenBank Accession Number: BC110861	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 3308	CloneNo.: 2F2C12
Source: Mouse	UNIPROT ID: P34932	Recommended Dilutions: WB 1:1000-1:4000
Isotype: IgM	Full Name: heat shock 70kDa protein 4	
Immunogen Catalog Number: AG16624	Calculated MW: 840 aa, 94 kDa	
	Observed MW: 110 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HEK-293 cells, Jurkat cells, pig brain tissue, HepG2 cells, L02 cells
Species Specificity: Human, pig	
Mouse monoclonal antibodies of IgM isotype can be detected with "anti-mouse IgG (H+L)" secondary antibodies.	

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 -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:

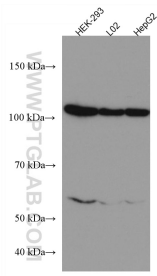
T: 4006900926

E: Proteintech-CN@ptglab.com

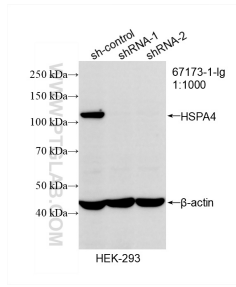
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Selected Validation Data



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.



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.