

HSPA4 Monoclonal antibody

Catalog Number: 67173-1-Ig

Featured Product

Basic Information

Catalog Number:

67173-1-Ig

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgM

Immunogen Catalog Number:

AG16624

GenBank Accession Number:

BC110861

GeneID (NCBI):

3308

UNIPROT ID:

P34932

Full Name:

heat shock 70kDa protein 4

Calculated MW:

840 aa, 94 kDa

Observed MW:

110 kDa

Purification Method:

Protein A purification

CloneNo.:

2F2C12

Recommended Dilutions:

WB 1:1000-1:4000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

Human, pig

Positive Controls:

WB : HEK-293 cells, Jurkat cells, pig brain tissue, HepG2 cells, L02 cells

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:

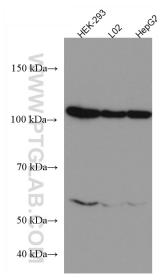
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

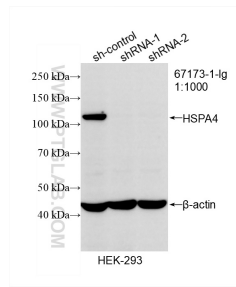
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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.