

For Research Use Only

# Hsc70 Recombinant antibody, PBS Only



Catalog Number: 81719-2-PBS

Featured Product

## Basic Information

Catalog Number:

81719-2-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1018

GenBank Accession Number:

BC007276

GeneID (NCBI):

3312

UNIPROT ID:

P11142

Full Name:

heat shock 70kDa protein 8

Calculated MW:

70 kDa

Observed MW:

70 kDa

Purification Method:

Protein A purification

CloneNo.:

3H9

## Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

Human, mouse, rat

## Background Information

HSPA8 (also known as HSC70) is a member of the HSPA (HSP70) family of heat-shock proteins which are highly conserved chaperons implicated in protein folding, protein refolding, protein transport, and protein targeting. HSPA8 is a constitutively expressed cytosol/nuclear protein able to translocate between cytoplasm and nucleus. Recently it has been reported that HSPA8 can interact with  $\alpha$ -synuclein, the critical pathological protein of Parkinson's disease, indicating its implication in neurodegenerative disease. (PMID: 21832061)

## 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

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

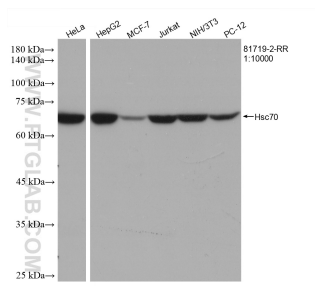
T: 4006900926

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

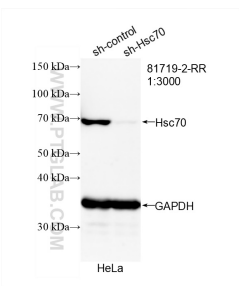
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 81719-2-RR (Hsc70 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 81719-2-PBS in a different storage buffer formulation.



WB result of Hsc70 antibody (81719-2-RR; 1:3000; incubated at room temperature for 1.5 hours) with sh-Control and sh-Hsc70 transfected HeLa cells. This data was developed using the same antibody clone with 81719-2-PBS in a different storage buffer formulation.