

For Research Use Only

# HSPB11 Monoclonal antibody, PBS Only



Catalog Number: 68059-1-PBS

## Basic Information

Catalog Number:

68059-1-PBS

Size:

1 mg/ml

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG8804

GenBank Accession Number:

BC005245

GeneID (NCBI):

51668

UNIPROT ID:

Q9Y547

Full Name:

heat shock protein family B (small), member 11

Calculated MW:

144 aa, 16 kDa

Observed MW:

20 kDa

Purification Method:

Protein A purification

CloneNo.:

2D11B3

## Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

Human

## Background Information

HSPB11 (Heat shock protein beta-11), also known as IFT25, was originally identified as a small heat shock protein. Recently it has been identified as a component of IFT complex B. It has been demonstrated that IFT25 is not required for ciliary assembly but is required for proper Hedgehog signaling, which in mammals occurs within cilia. Cilia lacking IFT25 have defects in the signal-dependent transport of multiple Hedgehog components and fail to activate the pathway upon stimulation.

## 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:

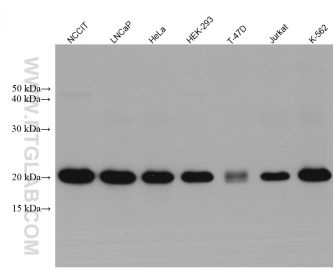
T: 4006900926

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

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

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 68059-1-Ig (HSPB11 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68059-1-PBS in a different storage buffer formulation.