

For Research Use Only

HSPB11 Monoclonal antibody

Catalog Number: 68059-1-Ig



Basic Information

Catalog Number: 68059-1-Ig	GenBank Accession Number: BC005245	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 51668	CloneNo.: 2D11B3
Source: Mouse	UNIPROT ID: Q9Y547	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG2a	Full Name: heat shock protein family B (small), member 11	
Immunogen Catalog Number: AG8804	Calculated MW: 144 aa, 16 kDa	
	Observed MW: 20 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : NCCIT cells, LNCaP cells, HeLa cells, HEK-293 cells, T-47D cells, Jurkat cells, K-562 cells
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 -20°C.
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:

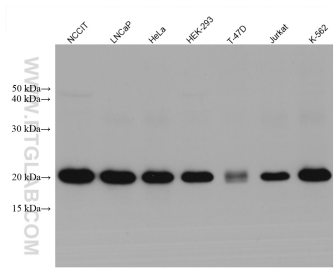
T: 4006900926

E: Proteintech-CN@ptglab.com

W: 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.