

For Research Use Only

JTV1 Monoclonal antibody, PBS Only

Catalog Number: 66848-1-PBS



Basic Information

Catalog Number: 66848-1-PBS	GenBank Accession Number: BC002853	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 7965	CloneNo.: 1D6B5
Source: Mouse	UNIPROT ID: Q13155	
Isotype: IgG2b	Full Name: JTV1 gene	
Immunogen Catalog Number: AG0675	Calculated MW: 36 kDa	
	Observed MW: 32-36 kDa	

Applications

Tested Applications:
WB, Indirect ELISA, IHC

Species Specificity:
Human, mouse, rat

Background Information

JTV1, also named p38, AIMP2, was first known as a factor associated with macromolecular protein complex, which consists of several different aminoacyl-tRNA synthetases. JTV1 is a scaffold protein required for the assembly and stability of the multi-tRNA synthetase complex. JTV1 could act as a mediator of TGF-beta signaling and its functional importance in the control of MYC during lung differentiation. Blocks MDM2-mediated ubiquitination and degradation of p53/TP53. Functions as a proapoptotic factor.

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:

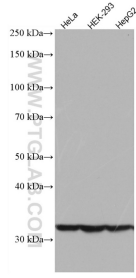
T: 4006900926

E: Proteintech-CN@ptglab.com

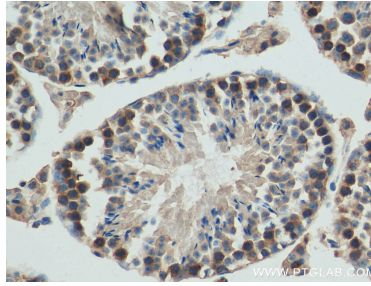
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 66848-1-Ig (JTV1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66848-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 66848-1-Ig (JTV1 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66848-1-PBS in a different storage buffer formulation.