

For Research Use Only

JTV1 Monoclonal antibody

Catalog Number: 66848-1-Ig



Basic Information

Catalog Number: 66848-1-Ig	GenBank Accession Number: BC002853	Purification Method: Protein A purification
Size: 1758 µg/ml	GeneID (NCBI): 7965	CloneNo.: 1D6B5
Source: Mouse	UNIPROT ID: Q13155	Recommended Dilutions: WB 1:2000-1:10000 IHC 1:250-1:1000
Isotype: IgG2b	Full Name: JTV1 gene	
Immunogen Catalog Number: AG0675	Calculated MW: 36 kDa	
	Observed MW: 32-36 kDa	

Applications

Tested Applications:
IHC, WB, ELISA

Species Specificity:
Human, mouse, rat

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB: HeLa cells, Jurkat cells, HEK-293 cells, HepG2 cells, HL-60 cells, HSC-T6 cells, NIH/3T3 cells

IHC: mouse testis tissue,

Background Information

JTV1, also named p38, AIMP2, was first known as a factor associated with macromolecular protein complex, which consists 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 -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

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

T: 4006900926

E: Proteintech-CN@ptglab.com

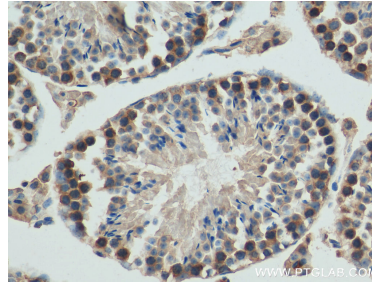
W: ptgcn.com

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 66848-1-Ig (JTV1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



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).