

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:

150UL, Concentration: 1000 µg/ml by 7965

GeneID (NCBI):

7965

CloneNo.:

1D6B5

Bradford method using BSA as the standard;

Full Name:

JTV1 gene

Recommended Dilutions:

WB 1:2000-1:10000

Source:

Mouse

Calculated MW:

36 kDa

Isotype:

IgG2b

Observed MW:

32-36 kDa

Immunogen Catalog Number:

AG0675

Applications

Tested Applications:

WB, ELISA

Positive Controls:

WB: HeLa cells, Jurkat cells

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 -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.1% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

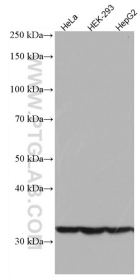
For technical support and original validation data for this product please contact:

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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.