

For Research Use Only

# UBC9 Monoclonal antibody

Catalog Number: 60201-1-Ig **1 Publications**



## Basic Information

<b>Catalog Number:</b> 60201-1-Ig	<b>GenBank Accession Number:</b> BC004437	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 2300 µg/ml	<b>GeneID (NCBI):</b> 7329	<b>CloneNo.:</b> 4A10B11
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P63279	<b>Recommended Dilutions:</b> WB 1:5000-1:50000 IHC 1:200-1:600
<b>Isotype:</b> IgG2a	<b>Full Name:</b> ubiquitin-conjugating enzyme E2 (UBC9 homolog, yeast)	
<b>Immunogen Catalog Number:</b> AG7885	<b>Calculated MW:</b> 18 kDa	
	<b>Observed MW:</b> 18 kDa	

## Applications

### Tested Applications:

FC, IHC, WB, ELISA

### Cited Applications:

IF, WB

### Species Specificity:

human, mouse, rat

### Cited Species:

human, monkey

**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**: LNCaP cells, rat kidney tissue, HeLa cells, HepG2 cells, Jurkat cells, HSC-T6 cells, PC-12 cells, NIH/3T3 cells, 4T1 cells

**IHC**: human lymphoma tissue,

## Background Information

UBC9 is also named as UBE2I, UBCE9 and belongs to the ubiquitin-conjugating enzyme family. It is a homologue of the E2 ubiquitin conjugating enzyme and participates in the covalent linking of SUMO-1 molecule to the target protein. This protein is present at a high level in spleen and lung. Moderate level of UBC9 is detected in kidney and liver. Low amount of UBC9 is observed in brain, whereas the 18 kDa band of UBC9 is barely visible or absent in heart and skeletal muscle. In heart and muscle extracts the UBC9 antibodies recognizes a 38 kDa protein band, but this band is not visible in extracts of other rat tissues (PMID:14739995).

## Notable Publications

Author	Pubmed ID	Journal	Application
Congcong Huang	38140545	Viruses	WB,IF

## 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:

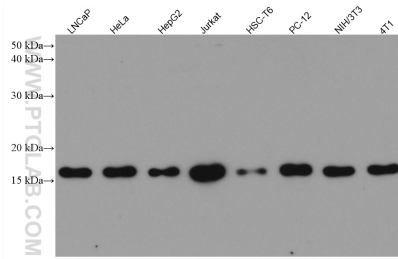
T: 4006900926

E: Proteintech-CN@ptglab.com

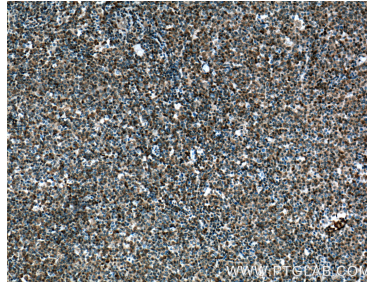
W: ptgcn.com

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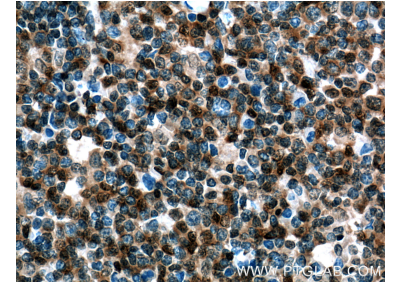
## Selected Validation Data



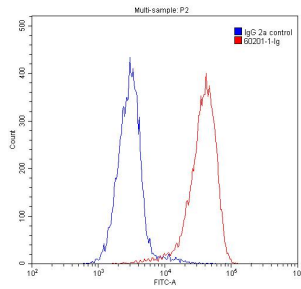
Various lysates were subjected to SDS PAGE followed by western blot with 60201-1-Ig (UBC9 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human lymphoma tissue slide using 60201-1-Ig (UBC9 Antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human lymphoma tissue slide using 60201-1-Ig (UBC9 Antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1X10<sup>6</sup> Jurkat cells were stained with 0.20ug UBC9 antibody (60201-1-Ig, red) and control antibody (blue). Fixed with 90% MeOH.