

For Research Use Only

UBC9 Monoclonal antibody

Catalog Number: 60201-1-Ig 1 Publications



Basic Information

Catalog Number: 60201-1-Ig	GenBank Accession Number: BC004437	Purification Method: Protein A purification
Size: 150ul , Concentration: 2300 ug/ml by Nanodrop and 1200 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 7329	CloneNo.: 4A10B11
Source: Mouse	UNIPROT ID: P63279	Recommended Dilutions: WB 1:5000-1:50000 IHC 1:200-1:600
Isotype: IgG2a	Full Name: ubiquitin-conjugating enzyme E2l (UBC9 homolog, yeast)	
Immunogen Catalog Number: AG7885	Calculated MW: 18 kDa	
	Observed MW: 18 kDa	

Applications

Tested Applications: WB, IHC, ELISA	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
Cited Applications: WB, IF	IHC : human lymphoma tissue,
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	

Background Information

UBC9 is also named as UBE2l, 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

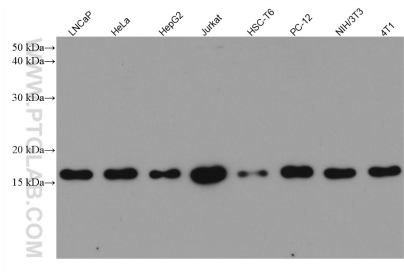
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

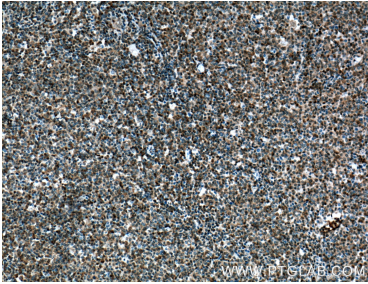
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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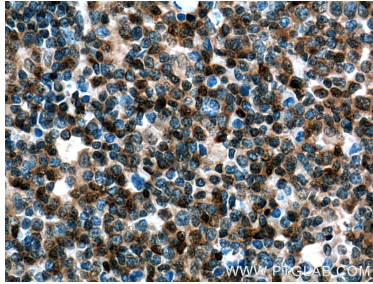
Selected Validation Data



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).