

For Research Use Only

UBC9-Specific Monoclonal antibody

Catalog Number: 67660-1-Ig



Basic Information

Catalog Number: 67660-1-Ig	GenBank Accession Number: NM_003345	Purification Method: Protein G purification
Size: 150ul , Concentration: 1900 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 7329	CloneNo.: 1G8A2
Source: Mouse	UNIPROT ID: P63279	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG1	Full Name: ubiquitin-conjugating enzyme E2 (UBC9 homolog, yeast)	
	Calculated MW: 18 kDa	
	Observed MW: 18 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : A549 cells, HeLa cells, HEK-293 cells, HepG2 cells, Jurkat cells, HSC-T6 cells, NIH/3T3 cells
Species Specificity: Human, mouse, rat	

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).

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

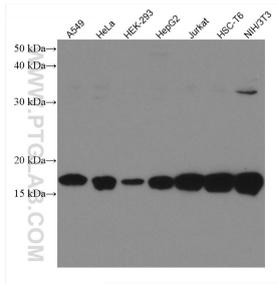
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67660-1-Ig (UBC9-Specific antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.