

For Research Use Only

RAD17 Monoclonal antibody

Catalog Number: 68539-1-Ig



Basic Information

Catalog Number: 68539-1-Ig	GenBank Accession Number: BC032304	Purification Method: Protein G purification
Size: 150ul , Concentration: 500 ug/ml by Nanodrop;	GeneID (NCBI): 5884	CloneNo.: 1F12D8
Source: Mouse	UNIPROT ID: O75943	Recommended Dilutions: WB 1:2000-1:10000
Isotype: IgG1	Full Name: RAD17 homolog (S. pombe)	
Immunogen Catalog Number: AG4348	Calculated MW: 681 aa, 71 kDa	
	Observed MW: 70-80 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : LNCaP cells, HeLa cells, HEK-293 cells, Jurkat cells, Raji cells, Daudi cells
Species Specificity: Human	

Background Information

Rad17, a component of the checkpoint clamp loader complex (RAD17/RFC), was originally initially identified as a DNA damage checkpoint protein. Rad17 participates in cell cycle control and DNA damage repair. Rad17 phosphorylation by ATR (ataxia telangiectasia mutated and Rad3-related) kinase is indispensable for the recruitment of Claspin and the activation of Chk1 in response to genotoxic stress.

Storage

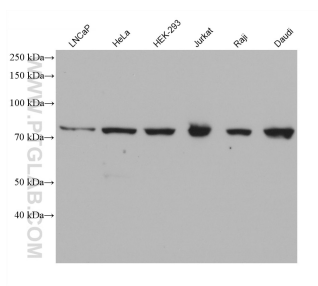
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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 68539-1-Ig (RAD17 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.