

For Research Use Only

RAD17 Monoclonal antibody, PBS Only



Catalog Number: 68539-1-PBS

Basic Information

Catalog Number: 68539-1-PBS	GenBank Accession Number: BC032304	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 5884	CloneNo.: 1F12D8
Source: Mouse	UNIPROT ID: O75943	
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, Indirect ELISA

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

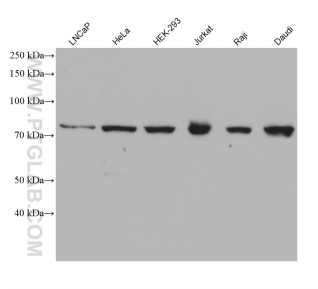
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

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 68539-1-Ig (RAD17 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68539-1-PBS in a different storage buffer formulation.