

For Research Use Only

GEN1 Monoclonal antibody, PBS Only



Catalog Number: 68060-1-PBS

Basic Information

Catalog Number: 68060-1-PBS	GenBank Accession Number: NM_182625	Purification Method: Protein G purification
Size: 1 mg/ml	GeneID (NCBI): 348654	CloneNo.: 1A10D10
Source: Mouse	UNIPROT ID: Q17RS7	
Isotype: IgG1	Full Name: Gen homolog 1, endonuclease (Drosophila)	
Immunogen Catalog Number: AG31247	Calculated MW: 103 kDa	
	Observed MW: 98-100 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
Human

Background Information

GEN1 is an endonuclease which resolves Holliday junctions (HJs) by the introduction of symmetrically related cuts across the junction point, to produce nicked duplex products in which the nicks can be readily ligated. GEN1 efficiently cleaves both single and double HJs contained within large recombination intermediates.

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

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

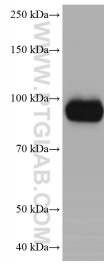
T: 4006900926

E: Proteintech-CN@ptglab.com

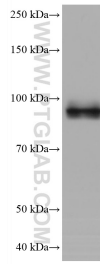
W: ptgcn.com

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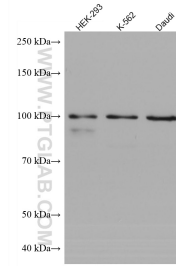
Selected Validation Data



U2OS cells were subjected to SDS PAGE followed by western blot with 68060-1-Ig (GEN1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68060-1-PBS in a different storage buffer formulation.



A549 cells were subjected to SDS PAGE followed by western blot with 68060-1-Ig (GEN1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68060-1-PBS in a different storage buffer formulation.



Various lysates were subjected to SDS PAGE followed by western blot with 68060-1-Ig (GEN1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68060-1-PBS in a different storage buffer formulation.