

For Research Use Only

Chk1 Recombinant antibody, PBS Only

Catalog Number: 80056-2-PBS



Basic Information

Catalog Number: 80056-2-PBS	GenBank Accession Number: BC004202	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 1111	CloneNo.: 2G7
Source: Rabbit	UNIPROT ID: O14757	
Isotype: IgG	Full Name: CHK1 checkpoint homolog (S. pombe)	
	Calculated MW: 54 kDa	
	Observed MW: 55 kDa	

Applications

Tested Applications:
WB, IF/ICC, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

CHEK1(Checkpoint kinase-1) is also named as CHK1 and belongs to the protein kinase superfamily. It is implicated in a circuit in which it activates checkpoints, DNA repair and proliferating cell nuclear antigen and FANCD2 monoubiquitylation(PMID:21389083). CHEK1 protects vertebrate cells against spontaneous chromosome missegregation and is required to sustain anaphase delay when spindle function is disrupted by taxol(PMID:17276342). It has 3 isoforms produced by alternative splicing with the molecular mass of 54 kDa, 44 kDa and 50 kDa.

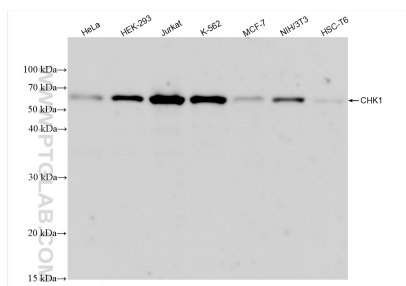
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS only

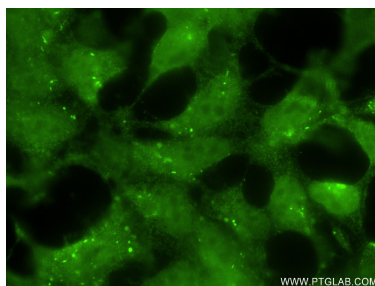
For technical support and original validation data for this product please contact:
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 80056-2-RR (Chk1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 80056-2-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HEK-293T cells using Chk1 antibody (80056-2-RR, Clone: 2G7) at dilution of 1:250 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 80056-2-PBS in a different storage buffer formulation.