

## anti- Chk1 antibody

### Product Information

Catalog No.:	FNab01653
Size:	100µg
Form:	liquid
Purification:	Protein A+G purification
Purity:	≥95% as determined by SDS-PAGE
Host:	Mouse
Clonality:	monoclonal
Clone ID:	9F10
IsoType:	IgG2a
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

### Background

HEK1(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.

### Immunogen information

Immunogen:	CHK1 checkpoint homolog
Synonyms:	CHEK1, Chk1
Observed MW:	50 kDa
Uniprot ID :	O14757

### Application

Reactivity:	Human, Mouse, Rat
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### Wuhan Fine Biotech Co., Ltd.

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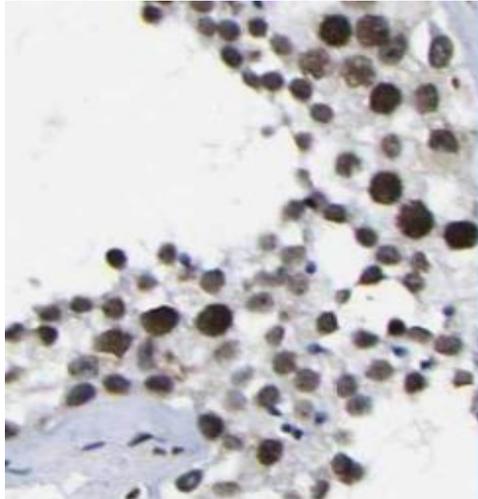
Fax: (0086)027-87800889

[www.fn-test.com](http://www.fn-test.com)

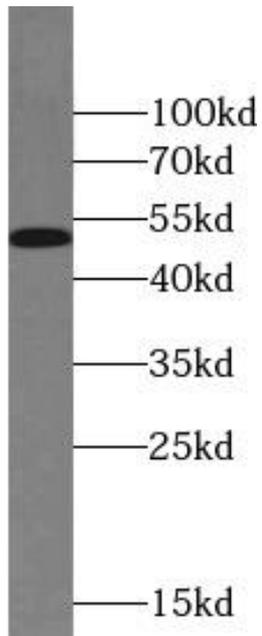
Tested Application: ELISA, WB, IHC

Recommended dilution: WB: 1:500-1:2000; IHC: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human testis tissue slide using FNab01653(CHK1 Antibody) at dilution of 1:50



HeLa cells were subjected to SDS PAGE followed by western blot with FNab01653(CHK1 Antibody) at dilution of 1:1000

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