

# Anti-CHEK1 antibody



Catalog Number: 142724

## Product name

Anti-CHEK1 antibody

## Immunogen

[Human Chk1 \(GST Tag\) recombinant protein](#)

## Specificity

Human Chk1

## Antibody description

Rabbit Polyclonal to Human CHEK1

## Preparation

Produced in rabbits immunized with purified, recombinant Human Chk1 . Chk1 specific IgG was purified by Human Chk1 affinity chromatography.

## Formulation

0.2 µm filtered solution in PBS

## Storage

This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C.

Preservative-Free.

Sodium azide is recommended to avoid contamination (final concentration 0.05%-0.1%). It is toxic to cells and should be disposed of properly. Avoid repeated freeze-thaw cycles.

## Clonality

Polyclonal

## Ig Type

Rabbit IgG

## Applications

WB, ELISA, ICC/IF, IF, IP

## Dilutions

WB: 5-20 µg/ml

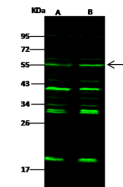
ELISA: 0.1-0.2 µg/mL

This antibody can be used at 0.1-0.2 µg/mL with the appropriate secondary reagents to detect Human Chk1.

ICC/IF: 0.5-3µg/mL

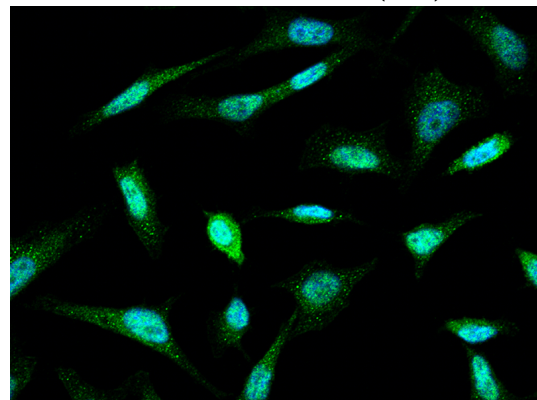
IP: 1-4 uL/mg of lysate

## Validations



Lanes	A	B
Sample (whole cell lysate)	K562	Jurkat
Sample Volume (µg/lane)	30	30
Gel	13% SDS-PAGE reducing gel	
Recommended Concentration	5-20 µg/ml	
Secondary Antibody	Dylight 800 labeled Antibody to Rabbit IgG (1:1), at 1:5000 dilution.	
Explanation	Developed using Odyssey imaging system. Predicted band size : 54 kDa Observed band size : 55 kDa Additional bands at : 19 kDa, 30 kDa and 40 kDa (We are unsure as to the identity of these extra bands.)	

Human Chk1 Western blot (WB) 15711

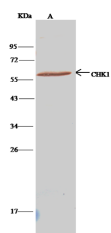


Human Chk1 Immunofluorescence(IF) 15712

# Anti-CHEK1 antibody



Catalog Number: 142724



Human Chk1 Immunoprecipitation(IP) 15713

Item	Lanes	A
Sample (whole cell lysate)		Jurkat
Sample quantity		0.5 mg
IP antibody quantity		4 $\mu$ L
Protein G agarose		15 $\mu$ L of 50% Protein G agarose
Gel		15% SDS-PAGE reducing gel
Primary antibody		GST-CHEK1 antibody at 10 $\mu$ g/ml
Secondary antibody		Clean-Block IP Detection Reagent (HRP) at 1:500 dilution