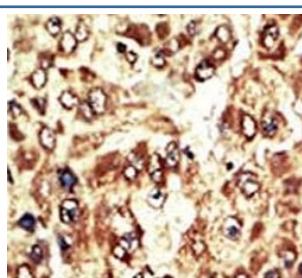


## Wee1 Antibody (F51038)

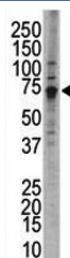
Catalog No.	Formulation	Size
F51038-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F51038-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Predicted Reactivity</b>	Mouse, Rat
<b>Format</b>	Purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Purified
<b>UniProt</b>	P30291
<b>Applications</b>	Western Blot : 1:1000 IHC (Paraffin) : 1:50-1:100
<b>Limitations</b>	This Wee1 antibody is available for research use only.



IHC analysis of FFPE human hepatocarcinoma tissue stained with the Wee1 antibody



Western blot analysis of Wee1 antibody and HL-60 cell lysate; Predicted molecular weight ~72 kDa.

## Description

Wee1 is a nuclear protein, which is a tyrosine kinase belonging to the Ser/Thr family of protein kinases. This protein catalyzes the inhibitory tyrosine phosphorylation of CDC2/cyclin B kinase, and appears to coordinate the transition between DNA replication and mitosis by protecting the nucleus from cytoplasmically activated CDC2 kinase.

## Application Notes

Titration of the Wee1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A portion of amino acids 604-634 from the human protein was used as the immunogen for this Wee1 antibody.

## Storage

Aliquot the Wee1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.