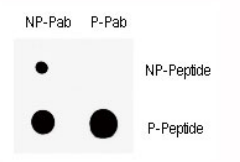
Phospho-Wee1 Antibody (pS123) (F48463)

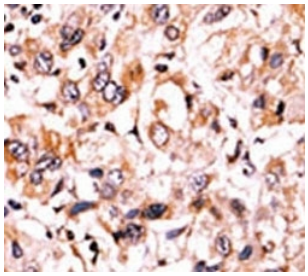
Catalog No.	Formulation	Size
F48463-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F48463-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P30291
Applications	Dot blot: 1:500 IHC (Paraffin): 1:50-1:100
Limitations	This phospho-Wee1 antibody is available for research use only.



Dot blot analysis of nonphos (NP) and phospho-Wee1 antibody (P). 50ng of phos-peptide or nonphos-peptide per dot were spotted.



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

Description

This gene encodes 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 phospho-Wee1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

This phospho-Wee1 antibody was produced from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding pS123 of human Wee1.

Storage

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

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