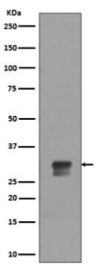
Phospho-CDK1/2 Antibody (pT14) [clone DFH-3] (RQ5152)

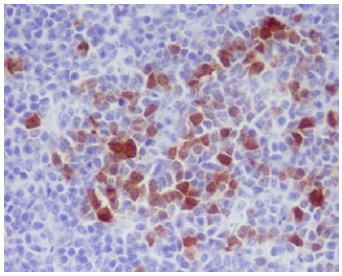
Catalog No.	Formulation	Size
RQ5152	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

Bulk quote request

Availability	1-2 weeks
Species Reactivity	Human, Rat
Format	Purified
Host	Rabbit
Clonality	Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	DFH-3
Purity	Affinity purified
UniProt	P06493
Applications	Western Blot : 1:500-1:2000 Immunohistochemistry (FFPE) : 1:50-1:200
Limitations	This phospho-CDK1/2 antibody (pT14) is available for research use only.



Western blot testing of lysate from human HeLa cells treated with hydroxyurea, with phospho-CDK1/2 antibody (pT14). Predicted molecular weight ~33 kDa.



IHC staining of FFPE rat spleen tissue with phospho-CDK1/2 antibody (pT14). HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min and allow to cool before testing.

Description

Cyclin-dependent kinases (CDKs) are a family of protein kinases first discovered for their role in regulating the cell cycle. They are also involved in regulating transcription, mRNA processing, and the differentiation of nerve cells.[1] They are present in all known eukaryotes, and their regulatory function in the cell cycle has been evolutionarily conserved. [Wiki]

Application Notes

Optimal dilution of the phospho-CDK1/2 antibody (pT14) should be determined by the researcher.

Immunogen

A synthetic peptide specific to human CDK1/2 (surrounding phosphorylated T14) was used as the immunogen for the phospho-CDK1/2 antibody.

Storage

Store the phospho-CDK1/2 antibody (pT14) at -20oC.

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