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## Recombinant Phospho-CDK1, 2 (Thr14) Monoclonal Antibody

catalog number: AN301145L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

**Description** 

Reactivity Human; Mouse; Rat

Immunogen A synthetic peptide corresponding to residues around (Thr14) of Human Phospho-

CDK1, 2

 Host
 Rabbit

 Isotype
 IgG,κ

 Clone
 B904

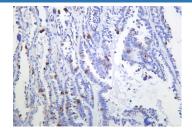
 Purification
 Protein A

**Buffer** PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications Recommended Dilution

IHC 1:200-1:1000

## Data



Immunohistochemistry of paraffin-embedded human colon using Recombinant Phospho-CDK1, 2 (Thr14) Monoclonal Antibody at dilution of 1:200.

## **Preparation & Storage**

Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping Ice bag

## **Background**

CDK1(cyclin dependent kinase 1) Homo sapiens The protein encoded by this gene is a member of the Ser/Thr protein kinase family. This protein is a catalytic subunit of the highly conserved protein kinase complex known as M-phase promoting factor (MPF), which is essential for G1/S and G2/M phase transitions of eukaryotic cell cycle. Mitotic cyclins stably associate with this protein and function as regulatory subunits. The kinase activity of this protein is controlled by cyclin accumulation and destruction through the cell cycle. The phosphorylation and dephosphorylation of this protein also play important regulatory roles in cell cycle control. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

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