

Anti-Phospho-Cdk1/2 (T14) Rabbit Monoclonal Antibody

Catalog # ABO13161

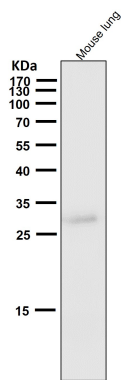
Product Information

Application	WB, IHC, IP
Primary Accession	P06493/P24941
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-Phospho-Cdk1/2 (T14) Rabbit Monoclonal Antibody . Tested in WB, IHC, IP applications. This antibody reacts with Human, Mouse, Rat.

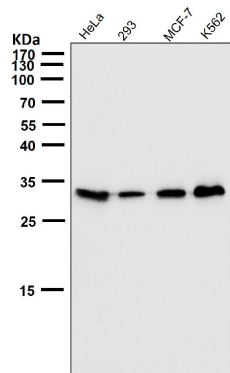
Additional Information

Calculated MW	34095 Da
Application Details	WB 1:500-1:2000 IHC 1:50-1:200 IP 1:50
Subcellular Localization	Nucleus. Cytoplasm. Mitochondrion. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Cytoplasm, cytoskeleton, spindle. Cytoplasmic during the interphase. Colocalizes with SIRT2 on centrosome during prophase and on spindle fibers during metaphase of the mitotic cell cycle. Reversibly translocated from cytoplasm to nucleus when phosphorylated before G2-M transition when associated with cyclin- B1. Accumulates in mitochondria in G2-arrested cells upon DNA- damage.
Tissue Specificity	Isoform 2 is found in breast cancer tissues.
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: DFH-3
Immunogen	A synthesized peptide derived from human Phospho-Cdk1/2 (T14)
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

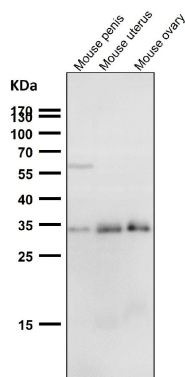
Protein Information



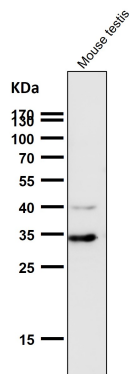
All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.



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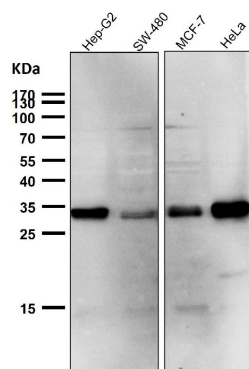


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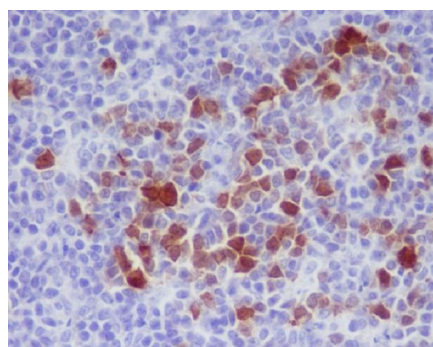
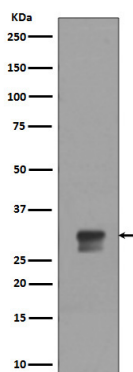


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Western blot analysis of Phospho-Cdk1/2 (T14) expression in HeLa cell lysate treated with hydroxyurea.



Immunohistochemical analysis of paraffin-embedded rat spleen, using Phospho-Cdk1/2 (T14) Antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.