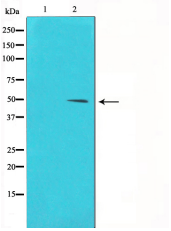
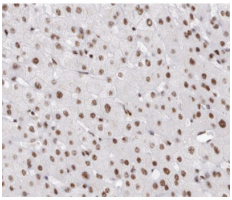
Phospho-Cyclin E1 (Thr395) Ab

Cat.#: AF3235	Concn.: 1mg/ml	Mol.Wt.: 48kDa
Size: 100ul,200ul	Source: Rabbit	Clonality: Polyclonal

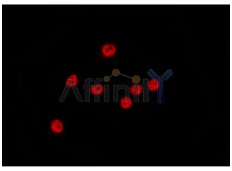
Application:	WB 1:500-1:2000 IHC 1:50-1:200, IF/ICC 1:100-1:500
Reactivity:	Human
Purification:	The Ab is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
Specificity:	Phospho-Cyclin E1 (Thr395) Ab detects endogenous levels of Cyclin E1 only when phosphorylated at Threonine 395.
Immunogen:	A synthesized peptide derived from human Cyclin E1 around the phosphorylation site of Threonine 395.
Uniprot:	P24864
Description:	a member of the highly conserved cyclin family, whose members are characterized by a dramatic periodicity in protein abundance through the cell cycle. Cyclins function as regulators of CDK kinases.
Subcellular Location:	Nucleus.
Tissue Specificity:	Highly expressed in testis and placenta. Low levels in bronchial epithelial cells.
Similarity:	Belongs to the cyclin family. Cyclin E subfamily.
Storage Condition and Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt.



Western blot analysis of Cyclin E1 phosphorylation expression in Paclitaxel treated HeLa whole cell lysates,The lane on the left is treated with the antigen-specific peptide.



AF3235 at 1/200 staining human Liver cancer tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the Ab for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit Ab was used as the secondary.



AF3235 staining MCF7 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25°C. The primary Ab was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary Ab.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween®20 at 4°C with gentle shaking, overnight.