



CDC2 (Ab-15) Antibody

#21236

Catalog Number: 21236-1, 21236-2

Amount: 50 μ g/50 μ l, 100 μ g/100 μ l

Swiss-Prot No. : P06493

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Storage/Stability: Store at -20°C/1 year

Immunogen: The antiserum was produced against synthesized non-phosphopeptide derived from human CDC2 around the phosphorylation site of tyrosine 15 (G-T-Y^p-G-V)..

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

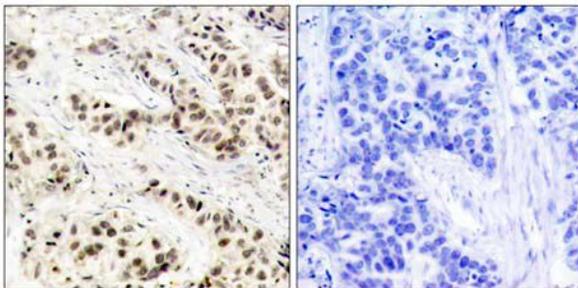
Specificity/Sensitivity: CDC2 (Ab-15) antibody detects endogenous levels of total CDC2 protein

Reactivity: Human, Mouse, Rat

Applications:

Predicted MW: 34kd

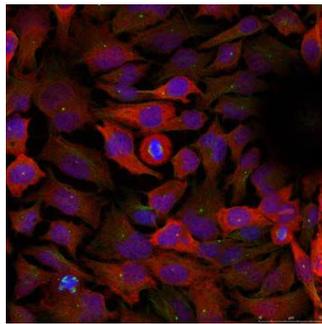
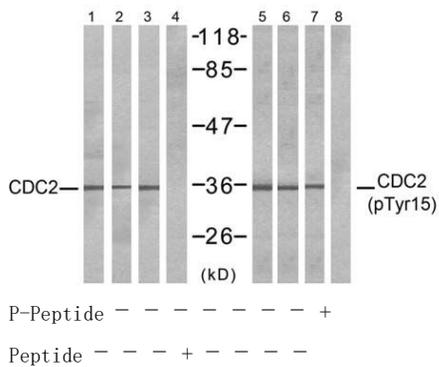
WB: 1:500~1:1000 IHC: 1:50~1:100 IF:1:100~1:200



Peptide - +

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue,

using CDC2 (Ab-15) antibody(#21236).



Immunofluorescence staining of methanol-fixed HeLa cells using CDC2 (Ab-15) antibody (#21236, Red).

Background :

Plays a key role in the control of the eukaryotic cell cycle. It is required in higher cells for entry into S-phase and mitosis. p34 is a component of the kinase complex that phosphorylates the repetitive C-terminus of RNA polymerase II.

References:

Y Gu, et al. (1992) EMBO J. 11(11): 3995