CDK6(Phospho-Tyr24) Antibody

#11543

Catalog Number: 11543-1, 11543-2

Amount: 50μg/50μl, 100μg/100μl

Swiss-Prot No. : Q00534

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℃/1 year

Immunogen: The antiserum was produced against synthesized phosphopeptide derived from human CDK6 around the phosphorylation site of tyrosine 24 (G-A-Yp-G-K).

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.

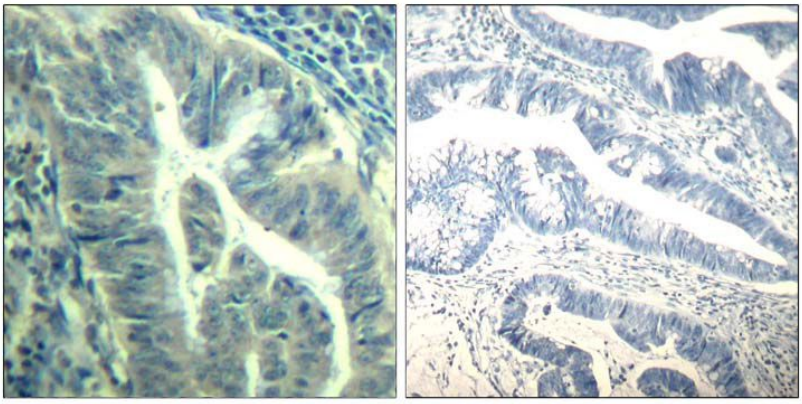
Specificity/Sensitivity: CDK6(phospho-Tyr24) antibody detects endogenous levels of total CDK6 only when phosphorylated at tyrosine 24.

Reactivity: Human, Mouse,

Applications:

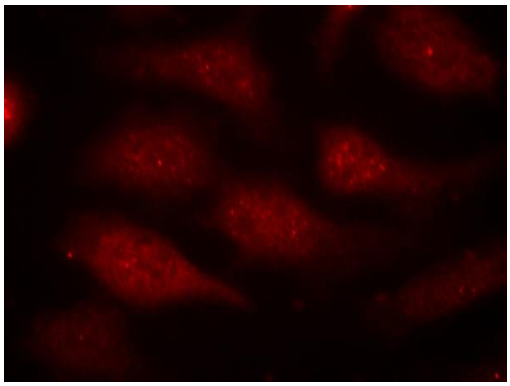
Predicted MW: 70,85kd

IHC: 1:50~1:100 IF:1:100~1:200



p- Peptide – +

. Immunohistochemical analysis of paraffin-embedded human colon carcinoma tissue using CDK6 (phospho-Tyr24) Antibody (#11543).



Immunofluorescence staining of methanol-fixed HeLa cells using CDK6 (phospho-Tyr24) Antibody (#11543, Red).

Background :

Phosphorylates specifically ribosomal protein S6 in response to insulin or several classes of mitogens. Promotes protein synthesis by phosphorylating PDCD4 at 'Ser-67' and targeting it for degradation.

References：

Flores-Rozas, H. et al. (1994) *Proc. Natl. Acad. Sci. USA* 91, 8655-8659.

Pestell, R.G. et al. (1999) *Endocr. Rev.* 20, 501-534.

Lukas, J. et al. (1996) *Mol. Cell. Biol.* 16, 6917-1625.