



CDC25C (Phospho-Thr48) Antibody

E11-0628A**Catalog Number:** E11-0628A**Concentration:** 1mg/ml**Swiss-Prot No.:** P30307**Other Names:** CDC25M1, Dual specificity phosphatase Cdc25C, EC 3.1.3.48, M-phase inducer phosphatase 3, MPIP3**All Sites:** Human: Thr48; Mouse: Thr48**Storage/Stability:** Store at -20°C/1 year**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.**Immunogen:** The antiserum was produced against synthesized phosphopeptide derived from human CDC25C around the phosphorylation site of threonine 48 (P-R-T^P-P-V).**Purification:** The antibody was affinity-purified from

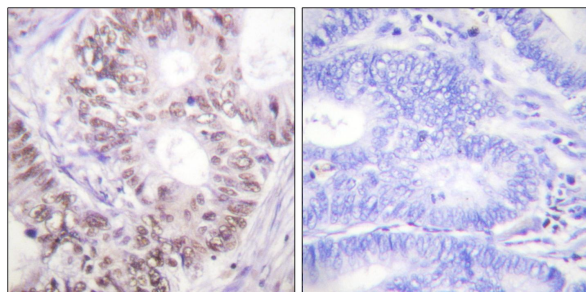
rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.

Specificity: CDC25C (Phospho-Thr48) antibody detects endogenous levels of CDC25C only when phosphorylated at threonine 48.**Reactivity:** Human, Mouse**Applications:** WB: 1:500~1:1000 IHC: 1:50~1:100
ELISA: 1:5000~1:10000**References:**

Bureik M., Int. J. Oncol. 17:1251-1258(2000).

Hernandez S., Lab. Invest. 81:465-473(2001).

Beausoleil S.A., Nat. Biotechnol. 24:1285-1292(2006).

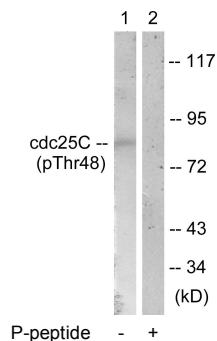


P-peptide

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+

Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue using CDC25C (Phospho-Thr48) antibody.



1

2

-- 117

-- 95

-- 72

-- 43

-- 34

(kD)

cdc25C --
(pThr48)

P-peptide

-

+

Western blot analysis of extracts from RAW264.7 cells, using CDC25C (Phospho-Thr48) antibody.

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