



## CDK7 (Ab-170) Antibody

E11-0857B

**Catalog Number:** E11-0857B

**Concentration:** 1mg/ml

**Swiss-Prot No.:** P50613

**Other Names:** 39 kDa protein kinase, CAK, CAK1, CDK-activating kinase, CDKN7, CR4 protein kinase, CRK4, Cell division protein kinase 7, EC 2.7.11.22, EC 2.7.11.23, MO15, MPK-7, P39 Mo15, Protein-tyrosine kinase MPK-7, STK1, TFIIF basal complex kinase subunit, kinase Cdk7

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

**Form of Antibody:** Rabbit IgG in phosphate buffered saline (without  $Mg^{2+}$  and  $Ca^{2+}$ ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

**Immunogen:** The antiserum was produced against synthesized non-phosphopeptide derived from human CDK7 around the phosphorylation site of threonine 170 (A-Y-T<sup>P</sup>-H-Q).

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

**Specificity:** CDK7 (Ab-170) antibody detects endogenous levels of total CDK7 protein.

**Reactivity:** Human, Mouse

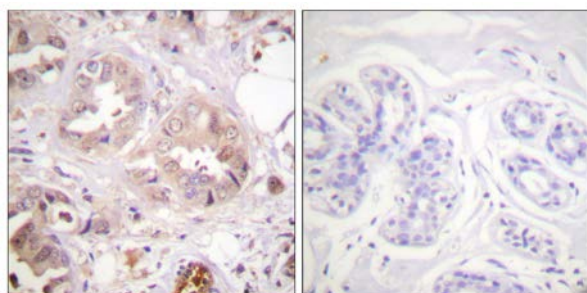
**Applications:** WB: 1:500~1:1000    IHC: 1:50~1:100    ELISA: 1:10000

**References:**

J. Matt Kim, Biol Reprod, May 2001; 64: 1400.

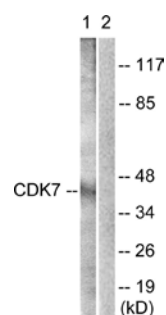
Ann Yee, Cancer Res., Dec 1995; 55: 6058 - 6062.

Saya Ito. Genes Cells, Oct 2004; 9: 983 - 992.



Peptide                      -                      +

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using CDK7 (Ab-170) antibody.



Calyculin A    +    +  
Peptide        -    +

Western blot analysis of extracts from Raw264.7 cells, treated with Calyculin A (50ng/ml, 30mins), using CDK7 (Ab-170) antibody.

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