cdc25A(Phospho-Ser76) Antibody

Catalog No: #11138

Package Size: #11138-1 50ul #11138-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	cdc25A(Phospho-Ser76) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatogramphy using non-phosphopeptide.
Applications	WB IHC
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of cdc25A only when phosphorylated at serine 76.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of serine 76 (M-G-S(p)-S-E) derived from Human cdc25A.
Target Name	cdc25A
Modification	Phospho
Other Names	CDC25M3; MPIP1;
Accession No.	Swiss-Prot: P30304NCBI Protein: NP_001780.2
Uniprot	P30304
GeneID	993;
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

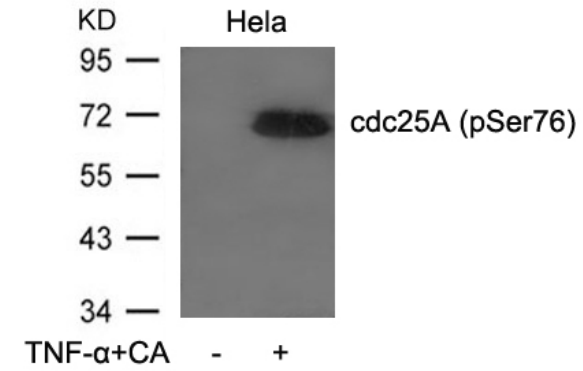
Application Details

Predicted MW: 70kd

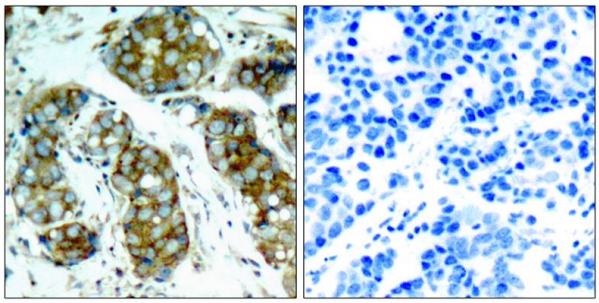
Western blotting: 1:500~1:1000

Immunohistochemistry: 1:50~1:100

Images



Western blot analysis of extracts from Hela cells untreated or treated with TNF-a and CA using cdc25A(Phospho-Ser76) Antibody #11138.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using cdc25A(Phospho-Ser76) Antibody #11138(left) or the same antibody preincubated with blocking peptide(right).

Background

Tyrosine protein phosphatase which functions as a dosage-dependent inducer of mitotic progression. Directly dephosphorylates CDC2 and stimulates its kinase activity. Also dephosphorylates CDK2 in complex with cyclin E, in vitro.

Jin J, et al. (2003) Genes 17(24): 3062-74.

Shimuta K, et al. (2002) EMBO J 21(14): 3694-703.

Note: This product is for in vitro research use only