Myc(Phospho-Ser373) Antibody

Catalog No: #11036

Package Size: #11036-1 50ul #11036-2 100ul #11036-4 25ul

Overview

Product Name	Myc(Phospho-Ser373) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	WB IHC
Species Reactivity	Hu Ms Rt
Immunogen Type	Peptide-KLH
Target Name	Myc
Modification	Phospho-Ser373
Alternative Names	c-myc

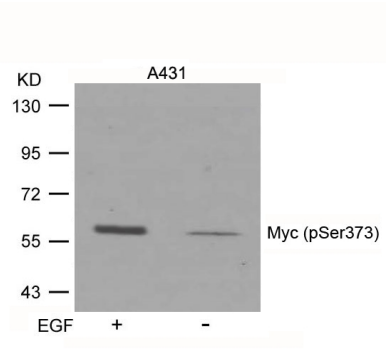
Application Details

Predicted MW: 60kd

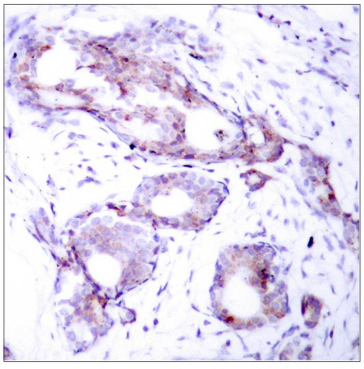
Western blotting: 1:500~1:1000

Immunohistochemistry: 1:50~1:100

Images



Western blot analysis of extracts from A431 cells untreated or treated with EGF using Myc(Phospho-Ser373) Antibody #11036.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using Myc(Phospho-Ser373) Antibody #11036.

Descriptions

Immunogen	Peptide sequence around phosphorylation site of serine 373 derived from Human Myc.
Specificity	The antibody detects endogenous level of Myc only when phosphorylated at serine 373.
Purifiction	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.
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.
Accession NO.	Swiss-Prot: P01106NCBI Protein: NP_002458.2

Related Information

Participates in the regulation of gene transcription. Binds DNA in a non-specific manner, yet also specifically recognizes the core sequence 5'-CAC[GA]TG-3'. Seems to activate the transcription of growth-related genes.

Baudino T A, et al. (2001) Mol Cell Biol. 21: 691-702.
Blackwood E M, et al. (1991) Science. 251:1211-1217.
Henriksson M, et al. (1996) Adv Cancer Res. 68: 109-182.
Grandori C, et al. (2000) Annu Rev Cell Dev Biol. 16: 653-699.