

Myc(Phospho-Thr358) Antibody

Catalog No: #11035

Package Size: #11035-1 50ul #11035-2 100ul

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Description

Product Name	Myc(Phospho-Thr358) 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 chromatography using non-phosphopeptide.
Applications	WB IHC IF
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of Myc only when phosphorylated at threonine 358.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of threonine 358 (R-R-T(p)-H-N) derived from Human Myc.
Target Name	Myc
Modification	Phospho
Other Names	c-myc
Accession No.	Swiss-Prot: P01106NCBI Protein: NP_002458.2
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), 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

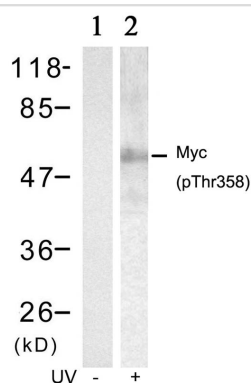
Predicted MW: 60kd

Western blotting: 1:500~1:1000

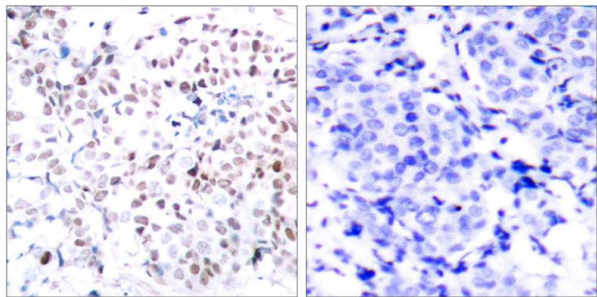
Immunohistochemistry: 1:50~1:100

Immunofluorescence: 1:100~1:200

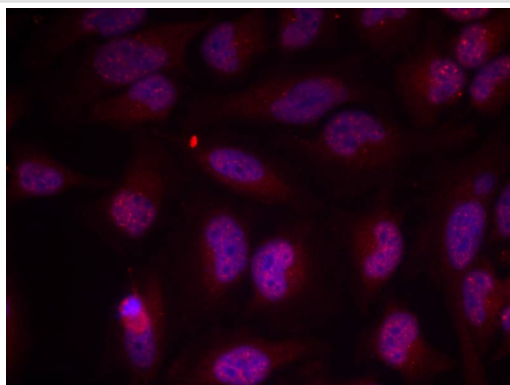
Images



Western blot analysis of extracts from HT29 cells untreated(lane 1) or treated with UV(lane 2) using Myc(Phospho-Thr358) Antibody #11035.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using Myc(Phospho-Thr358) Antibody #11035(left) or the same antibody preincubated with blocking peptide(right).



Immunofluorescence staining of methanol-fixed HeLa cells using Myc(Phospho-Thr358) Antibody #11035.

Background

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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.