Myc (Phospho-Thr358) Antibody

#11035

Catalog Number: 11035-1, 11035-2

Amount: 50μg/50μl, 100μg/100μl

Swiss-Prot No. : P01106

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.

Storage/Stability: Store at -20℃/1 year

Immunogen: The antiserum was produced against synthesized phosphopeptide derived from human Myc around the phosphorylation site of threonine 358 (R-R-Tp-H-N).

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

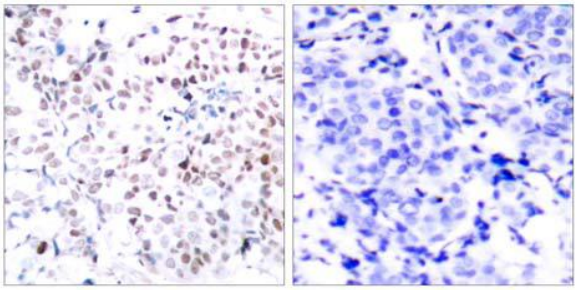
Specificity/Sensitivity: Myc (phospho-Thr358) antibody detects endogenous levels of Myc only when phosphorylated at threonine 358

Reactivity: Human,Mouse, Rat

Applications:

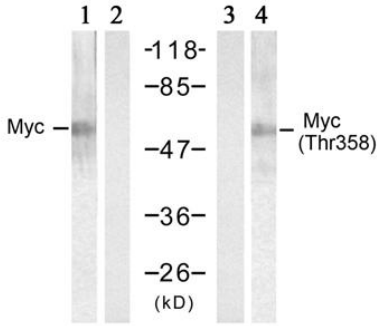
Predicted MW: 60kd

IHC: 1:50~1:100 WB: 1:500~1:1000 IF:1:100~1:200



P-Peptide − +

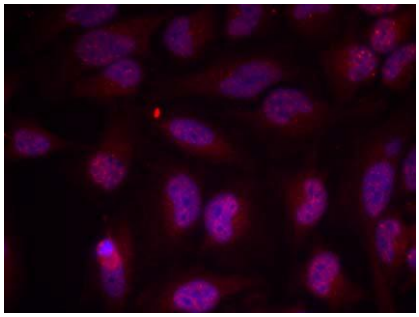
Immunohistochemical analysis of paraffin- embedded human breast carcinoma tissue, using Myc (phospho-Thr358) antibody (#11035).



UV + + − +

Peptide − + − −

Western blot analysis of extracts from HT-29 cells treated with UV (20min), using Myc (Ab-358) antibody (#21035, Lane 1 and 2) and Myc (phospho-Thr358) antibody (#11035, Lane 3 and 4).



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

Background :

Myc a proto-oncogenic transcription factor that plays a role in cell proliferation, apoptosis and in the development of human tumors.. Seems to activate the transcription of growth-related genes

References：

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.