Myc (Phospho-Thr58) Antibody

#11034

Catalog Number: 11034-1, 11034-2

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 threonine 58 (L-P-T^{P}-P-P).

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.

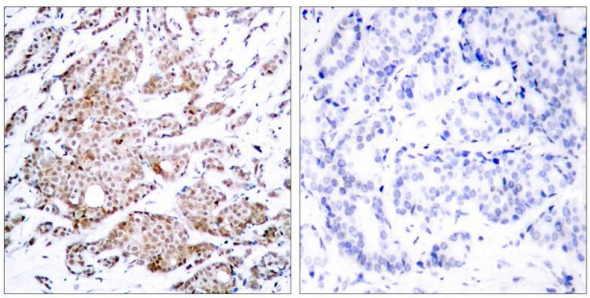
Specificity/Sensitivity: Myc (phospho-Thr58) antibody detects endogenous levels of Myc only when phosphorylated at threonine 58

Reactivity: Human,Mouse, Rat

Applications:

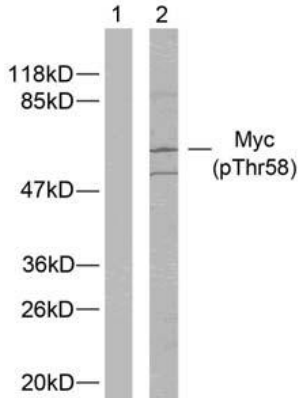
Predicted MW: 60kd

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



P-Peptide − +

Immunohistochemical analysis of paraffin- embedded human breast carcinoma tissue, using Myc (phospho-Thr58) antibody (#11034).



p-Peptide + −

Western blot analysis of extracts from ovary cancer cells using Myc (phospho-Thr58) antibody (#11034).

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：

Jin Z, et al. (2004) J Biol Chem. 279(38): 40209-40219.

Welcker M, et al. (2004) Proc Natl Acad Sci U S A. 101(24): 9085-9090.

Baudino T A, et al. (2001) Mol Cell Biol. 21: 691-702.