

Myc (Phospho-Thr358) Polyclonal Antibody

ORDERING INFORMATION

Catalog No.: 43035

Format: 100ul at 1.0mg/ml in PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Affinity-purified on phosphopeptide; non-phosphopeptide-reactive antibodies were removed by chromatography on non-phosphorylated peptide.

BACKGROUND

Myc (c-Myc) is a regulator gene that codes for transcription factor Myc. This protein is a multifunctional, nuclear phosphoprotein that plays a role in cell cycle progression, apoptosis and cellular transformation. A mutated version of Myc is found in many cancers which causes Myc to be constitutively expressed.

SPECIFICATION SUMMARY

Antigen: Peptide sequence that includes phosphorylation site of threonine 358 (R-R-T(p)-H-N) derived from human Myc and conjugated to KLH.

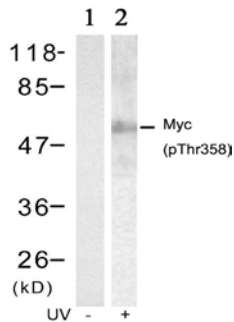
Accession no.: P01106, NP_002458.2

Host Species: Rabbit

Specificity: This antibody detects endogenous human Myc only when phosphorylated at threonine 358.

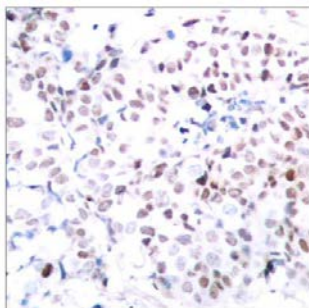
APPLICATION

Immunoblotting: use at dilution of 1:500-1:1,000. A band of ~60kDa is detected.



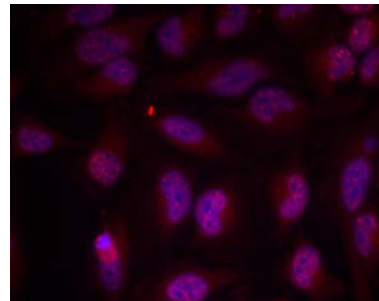
Detection of Myc (phospho-Thr358) in extracts of HT29 cells untreated or treated with UV

Immunohistochemistry: use at dilution of 1:50-1:100.



Detection of Myc (phospho-Thr358) in paraffin-embedded human breast carcinoma tissue.

Immunofluorescence: use at 1:100-1:200.



Detection of Myc (phospho-Thr358) in methanol-fixed HeLa cells.

These are recommended working dilutions. Enduser should determine optimal dilutions for their applications.

DILUTION INSTRUCTIONS

Dilute in PBS or medium that is identical to that used in the assay system.

STORAGE AND STABILITY

This antibody is stable for at least one (1) year at -20°C. Can be stored at 4°C for short-term use.

For in vitro investigational use only. Not intended for therapeutic or diagnostic applications.