# Myc(Phospho-Thr58) Antibody

**Catalog No:** #11034

**Package Size:**
- #11034-1 50ul
- #11034-2 100ul
- #11034-4 25ul

## Description

**Product Name:** Myc(Phospho-Thr58) 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  
**Species Reactivity:** Hu Ms Rt  
**Specificity:** The antibody detects endogenous level of Myc only when phosphorylated at threonine 58.  
**Immunogen Type:** Peptide-KLH  
**Immunogen Description:** Peptide sequence around phosphorylation site of threonine 58 (L-P-T(p)-P-P) derived from Human Myc.  
**Target Name:** Myc  
**Modification:** Phospho-Thr58  
**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 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.

## Application Details

**Predicted MW:** 60kd  
**Western blotting:** 1:500~1:1000  
**Immunohistochemistry:** 1:50~1:100

## Images

Western blot analysis of extracts from Hela cells using Myc(Phospho-Thr58) Antibody #11034 (Lane 2) and the same antibody preincubated with blocking peptide (Lane 1).
Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using Myc(Phospho-Thr58) Antibody #11034(left) or the same antibody preincubated with blocking peptide(right).

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.


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