

35-1033: Polyclonal Antibody to Myc (Phospho-Thr58)

Clonality :	Polyclonal
Application :	WB,IHC
Reactivity :	Human,Mouse,Rat
Gene :	MYC
Gene ID :	4609
Uniprot ID :	P01106
Format :	Purified
Alternative Name :	c-myc
Isotype :	Rabbit IgG
Immunogen Information :	Peptide sequence around phosphorylation site of threonine 58 (L-P-T(p)-P-P) derived from Human Myc.

Description

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.

Product Info

Amount :	50 µl / 100 µl
Content :	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 condition :	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

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

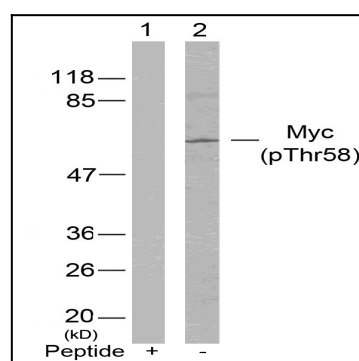


Figure 1: Western blot analysis of extracts from HeLa cells using Myc(Phospho-Thr58) Antibody 35-1033 (Lane 2) and the same antibody preincubated with blocking peptide(Lane1).

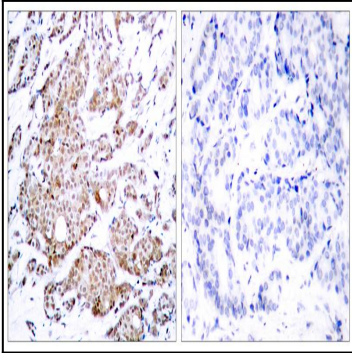


Figure 2: Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using Myc(Phospho-Thr58) Antibody 35-1033 (left) or the same antibody preincubated with blocking peptide(right).