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## 35-1034: Polyclonal Antibody to Myc (Phospho-Thr358)

Clonality: Polyclonal Application: WB,IHC,IF Reactivity: Human **MYC** Gene: Gene ID: 4609 P01106 **Uniprot ID:** Format: Purified **Alternative Name:** c-myc Isotype: Rabbit IgG

Immunogen Information: Peptide sequence around phosphorylation site of threonine 358 (R-R-T(p)-H-N) 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 Mg2+ and Ca2+), pH 7.4, 150mM

NaCl, 0.02% sodium azide and 50% glycerol.

Storage condition:

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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, Immunofluorescence: 1:100~1:200

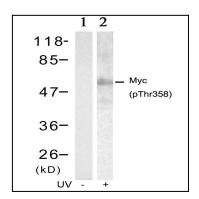


Figure 1: Western blot analysis of extracts from HT29 cells untreated(lane 1) or treated with UV(lane 2) using Myc(Phospho-Thr358) Antibody 35-1034.



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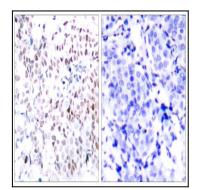


Figure 2: Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using Myc(Phospho-Thr358) Antibody 35-1034 (left) or the same antibody preincubated with blocking peptide(right).

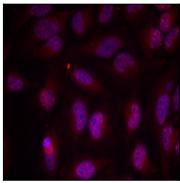


Figure 3: Immunofluorescence staining of methanol-fixed Hela cells using Myc(Phospho-Thr358) Antibody 35-1034.