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# Phospho-c-Myc-T358 Rabbit pAb

**Catalog No.: AP0411**

## Basic Information

**Observed MW**
65kDa

**Calculated MW**
51kDa

**Category**
Primary antibody

**Applications**
WB,ELISA

**Cross-Reactivity**
Human

## Background

This gene is a proto-oncogene and encodes a nuclear phosphoprotein that plays a role in cell cycle progression, apoptosis and cellular transformation. The encoded protein forms a heterodimer with the related transcription factor MAX. This complex binds to the E box DNA consensus sequence and regulates the transcription of specific target genes. Amplification of this gene is frequently observed in numerous human cancers. Translocations involving this gene are associated with Burkitt lymphoma and multiple myeloma in human patients. There is evidence to show that translation initiates both from an upstream, in-frame non-AUG (CUG) and a downstream AUG start site, resulting in the production of two isoforms with distinct N-termini.

## Recommended Dilutions

| | |
|---|---|
| **WB** | 1:500 - 1:2000 |
| **ELISA** | Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements. |

## Immunogen Information

**Gene ID**
4609

**Swiss Prot**
P01106

**Immunogen**
Synthetic peptide. This information is considered to be commercially sensitive.

**Synonyms**
MRTL; MYCC; c-Myc; bHLHe39; Phospho-c-Myc-T358

## Contact


400-999-6126

cn.market@abclonal.com.cn

www.abclonal.com.cn


## Product Information

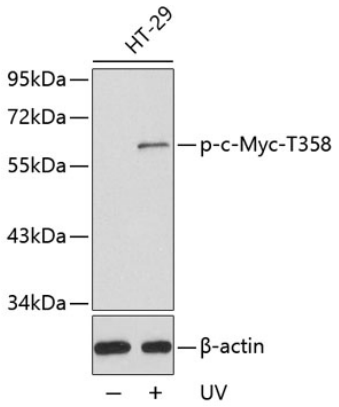
**Source**
Rabbit

**Isotype**
IgG

**Purification**
Affinity purification

**Storage**
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

## Validation Data




Western blot analysis of lysates from HT-29 cells, using Phospho-c-Myc-T358 Rabbit pAb (AP0411). HT-29 cells treated with UV.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% BSA.



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