

# N-Myc/MYCN Rabbit mAb

Catalog No.: A22174 **Recombinant** **1 Publications**

## Basic Information

### Observed MW

62kDa

### Calculated MW

50kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Human

### CloneNo number

ARC55211

## Background

This gene is a member of the MYC family and encodes a protein with a basic helix-loop-helix (bHLH) domain. This protein is located in the nucleus and must dimerize with another bHLH protein in order to bind DNA. Amplification of this gene is associated with a variety of tumors, most notably neuroblastomas. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene.

## Recommended Dilutions

WB 1:500 - 1:1000

## Immunogen Information

### Gene ID

4613

### Swiss Prot

P04198

### Immunogen

A synthetic peptide corresponding to a sequence within amino acids 1-100 of human N-Myc/MYCN (NP\_005369.2).

### Synonyms

NMYC; ODED; MODED; N-myc; bHLHe37; MYCNsORF; MYCNsPEP; N-Myc/MYCN

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

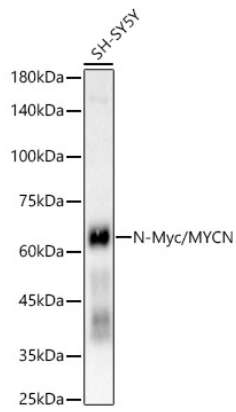
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.

## Validation Data

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Western blot analysis of lysates from SH-SY5Y cells, using N-Myc/MYCN Rabbit mAb (A22174) at 1:1000 dilution.

Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Enhanced Kit (RM00021).

Exposure time: 60s.