

A22175

Leader in Biomolecular Solutions for Life Science



## N-Myc/MYCN Rabbit mAb

Catalog No.: A22175

Recombinant

### Basic Information

#### Observed MW

62kDa

#### Calculated MW

50kDa

#### Category

SMab Recombinant Monoclonal  
Antibody

#### Applications

WB,ELISA

#### Cross-Reactivity

Mouse

#### CloneNo number

ARC55217

### 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

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

### Immunogen Information

#### Gene ID

4613

#### Swiss Prot

P04198

#### Immunogen

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

#### Synonyms

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

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Product Information

#### Source

Rabbit

#### Isotype

IgG

#### Purification

Affinity purification

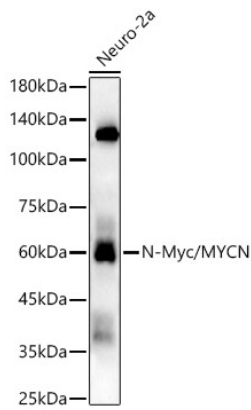
#### Storage

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 Neuro-2a, cells using N-Myc/MYCN Rabbit mAb (A22175) at 1:1000 dilution.

Secondary antibody: HRP-conjugated 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: 180s.