

Datasheet for ABIN6940152

anti-MYCN antibody**1** Image[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	MYCN
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This MYCN antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant full-length human n-Myc protein.
Clone:	NMYC-1
Isotype:	IgG2a kappa
Purification:	Purified by Protein A/G

Target Details

Target:	MYCN
Alternative Name:	MYCN (MYCN Products)
Background:	The v-Myc oncogene, initially identified in the MC29 avian retrovirus, causes myelocytomas, carcinomas, sarcomas and lymphomas, and belongs to a family of oncogenes conserved throughout evolution. In humans, the family consists of five genes: c-Myc, N-Myc, R-Myc, L-Myc and B-Myc. Amplification of the N-Myc gene has been found in human neuroblastomas and cell

Target Details

lines. Its amplification correlates well with the stage of neuroblastoma disease. Immunological studies have shown that the human N-Myc gene encodes a nuclear phosphoprotein that exhibits relatively short (30 min) half life in vivo. The prototype member of the family, c-Myc p67, binds DNA in a sequence-specific manner subsequent to dimerization with a second basic region helix-loop-helix leucine zipper motif protein, designated Max.

Molecular Weight: 67kDa

Gene ID: 4613

UniProt: [P04198](#)

Application Details

Application Notes: Positive Control: 293T whole cell lysates or recombinant Human n-Myc protein.
Known Application: Immunofluorescence (0.5-1 µg/mL), Western Blot (0.5-1.0 µg/mL) Optimal dilution for a specific application should be determined.

Restrictions: For Research Use only

Handling

Concentration: 200 µg/mL

Buffer: 10 mM PBS with 0.05 % BSA & 0.05 % azide.

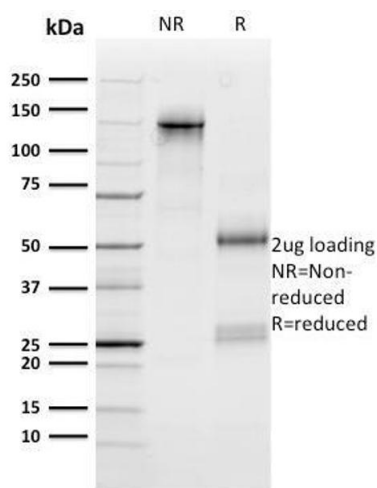
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -80 °C

Storage Comment: Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Expiry Date: 24 months



SDS-PAGE

Image 1. SDS-PAGE Analysis Purified n-Myc Mouse Monoclonal Antibody (NMYC-1). Confirmation of Purity and Integrity of Antibody.