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36-2834: Anti-n-Myc (Neuroblastoma Marker) Monoclonal Antibody(Clone: NMYC-1)

Clonality :	Monoclonal
Clone Name :	NMYC-1
Application :	IF,WB
Reactivity :	Human, Mouse, Rat
Gene :	MYCN
Gene ID :	4613
Uniprot ID :	P04198
Alternative Name :	Class E basic helix-loop-helix protein 37 (bHLHe37); MODED; N-myc proto-oncogene protein; Neuroblastoma derived v myc avian myelocytomatosis viral related oncogene; ODED; pp65/67; v myc (avian) myelocytomatosis viral related oncogene neuroblastoma derived
Isotype :	Mouse IgG2a, kappa
Immunogen Information :	Recombinant full-length human n-Myc protein.

Description

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 throÂµghout 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 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.

Product Info

Amount :	20 µg / 100 µg
Content :	200 µg/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Storage condition :	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.

Application Note

Immunofluorescence (1-2ug/ml); Western Blot (1-2ug/ml);

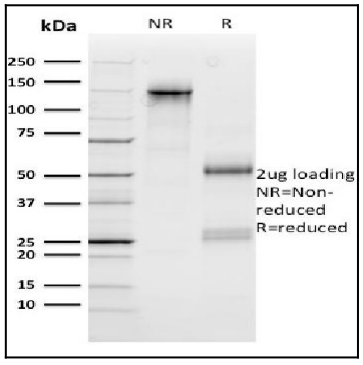


Fig. 1: SDS-PAGE Analysis Purified n-Myc Mouse Monoclonal Antibody (NMYC-1). Confirmation of Purity and Integrity of Antibody.

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