

n-Myc (Neuroblastoma Marker) Antibody

Mouse Monoclonal Antibody [Clone NMYC-1]

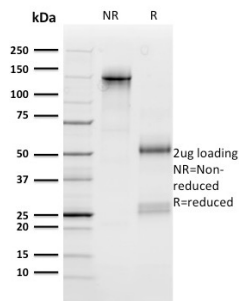
Catalog No	Format	Size
4613-MSM1-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
4613-MSM1-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
4613-MSM1-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

Applications	Tested Dillution	Note
Immunofluorescence (IF)	1-3ug/ml	
Western Blot (WB)	2-4ug/ml	

Product Details	
Clone	NMYC-1
Gene Name	MYCN
Immunogen	Recombinant full-length human n-Myc protein.
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG2a / Kappa
Mol. Weight of Antigen	~67kDa
Cellular Localization	Nucleus
Species Reactivity	Human, Mouse, Rat
Positive Control	293T whole cell lysates or recombinant Human n-Myc protein.

*Optimal dilution for a specific application should be determined.

Product Images for n-Myc (Neuroblastoma Marker) Antibody



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

Specificity & Comments

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 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.

Supplied As

200ug/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 and Stability

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.

Research Areas

Apoptosis, Autophagy, Cardiovascular, Neuroscience, Nuclear Marker, Signal Transduction

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.
