



Anti-N-Myc Antibody (Clone NMYC-1)

Alternative Names: N-myc proto-oncogene protein, basic helix-loop-helix protein 37 (bHLHe37), n-Myc, N-MYC

Catalogue Number: AX17-10018-100ug

Size: 100 µg

Background Information

The c-Myc and N-Myc oncogenes are members of the Myc family of transcription factors that regulate cell proliferation and apoptosis. This protein is located in the nucleus and must dimerize with another bHLH protein in order to bind DNA. N-Myc is highly expressed in pre B cell and the fetal brain and is critical for normal brain development. Overexpression of N-Myc is associated with a variety of tumors, most notably neuroblastomas and small lung carcinoma.

This antibody does not react with c-Myc or L-Myc.

Product Information

Antibody Type:	Monoclonal	Host:	Mouse
Isotype:	IgG2b	Species Reactivity:	Human, Mouse
Immunogen:	A synthetic peptide from the C-terminal region of Human N-Myc		
Format:	100 µg in 100 µl PBS containing 0.02% sodium azide.		
Storage Conditions:	6 months: 4°C. Long-term storage: -20°C. Avoid multiple freeze and thaw cycles.		
Applications:	ChIP IHC IF IP WB EMSA FC		

Additional Information

Subcellular location:	Nucleus	MW:	50kDa (Intended as a general guide and does not allow for all isoforms and species variations)
Gene ID	4613	Uniprot ID:	P04198



References

Tasseva et al. 2011. J Biol Chem. 286(2):1061-73. PMID: 21068393.
