

## Product datasheet for **TA809344AM**

### **n-Myc (MYCN) Mouse Monoclonal Antibody (Biotin conjugated) [Clone ID: OTI2A2]**

#### **Product data:**

|                                |  |
|--------------------------------|--|
| <b>Product Type:</b>           | Primary Antibodies   |
| <b>Clone Name:</b>             | OTI2A2   |
| <b>Applications:</b>           | WB   |
| <b>Recommended Dilution:</b>   | WB 1:500   |
| <b>Reactivity:</b>             | Human, Rat   |
| <b>Host:</b>                   | Mouse  |
| <b>Isotype:</b>                | IgG1   |
| <b>Clonality:</b>              | Monoclonal   |
| <b>Immunogen:</b>              | Human recombinant protein fragment corresponding to amino acids 229-464 of human MYCN(NP_005369) produced in E.coli.   |
| <b>Formulation:</b>            | PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.   |
| <b>Concentration:</b>          | 0.5 mg/ml  |
| <b>Purification:</b>           | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)  |
| <b>Conjugation:</b>            | Biotin   |
| <b>Storage:</b>                | Store at -20°C as received.  |
| <b>Stability:</b>              | Stable for 12 months from date of receipt.   |
| <b>Predicted Protein Size:</b> | 49.4 kDa   |
| <b>Gene Name:</b>              | v-myc avian myelocytomatosis viral oncogene neuroblastoma derived homolog  |
| <b>Database Link:</b>          | <a href="#">NP_005369</a><br><a href="#">Entrez Gene 4613 Human</a><br><a href="#">P04198</a>  |
| <b>Background:</b>             | 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. [provided by RefSeq, Jun 2014] |

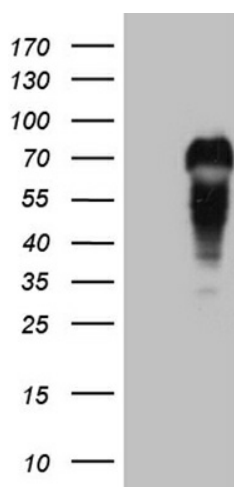


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Synonyms: bHLHe37; MODED; N-myc; NMYC; ODED

Protein Families: Druggable Genome, Transcription Factors

### Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY MYCN ([RC201241], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-MYCN (1:500). Positive lysates [LY417334] (100ug) and [LC417334] (20ug) can be purchased separately from OriGene.