

## Myc Antibody | anti-Myc antibody

Myc (Ab-58) Antibody

|                               |                                        |                                                           |
|-------------------------------|----------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA111188</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|----------------------------------------|-----------------------------------------------------------|

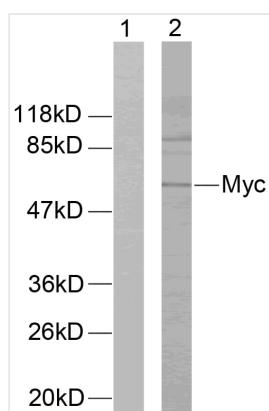
### PRODUCT SYNONYMS

Myc; Myc (Ab-58) Antibody; anti-Myc antibody

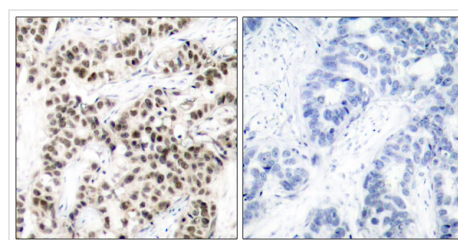
### PRODUCT SPECIFICATIONS

|                                               |                                                                                                                                                        |
|-----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity                                    | Human, Mouse, Rat                                                                                                                                      |
| Specificity                                   | Myc (Ab-58) antibody detects endogenous levels of total Myc protein.                                                                                   |
| Purity/Purification                           | Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                                   |
| Form/Format                                   | In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.                                         |
| Sequence Length                               | 454                                                                                                                                                    |
| Applicable Applications for anti-Myc antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                                          |
| Immunogen                                     | The antiserum was produced against synthesized non-phosphopeptide derived from human Myc around the phosphorylation site of threonine 58 (L-P-TP-P-P). |
| Preparation and Storage                       | Store at -20 degree C for 1 year                                                                                                                       |

### IMAGES


**WB (Western Blot)**

Western blot analysis of extracts from ovary cancer cells using Myc (Ab-58) antibody.


**IHC (Immunohistochemistry)**

Peptide-+ Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using Myc (Ab-58) antibody.

### ADDITIONAL INFORMATION

|                                                 |                                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Categories/Family for anti-Myc antibody | Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells                                                                                   |
| References                                      | Jin Z, et al. (2004) J Biol Chem. 279(38): 40209-40219. Welcker M, et al. (2004) Proc Natl Acad Sci U S A. 101(24): 9085-9090. Baudino T A, et al. (2001) Mol Cell Biol. 21: 691-702. Blackwood E M, et al. (1991) Science. 251:1211-1217. Henriksson M, et al. (1996) Adv Cancer Res. 68: 109-182. |

NCBI AND UNIPROT INFORMATION

|                                  |                                               |
|----------------------------------|-----------------------------------------------|
| NCBI GI #                        | 71774083                                      |
| NCBI GeneID                      | 4609                                          |
| NCBI Accession #                 | NP_002458.2                                   |
| NCBI GenBank Nucleotide #        | NM_002467.5                                   |
| UniProt Accession #              | P01106; P01107; Q14026; A8WFE7                |
| Molecular Weight                 | 50,565 Da                                     |
| NCBI Official Full Name          | myc proto-oncogene protein isoform 1          |
| NCBI Official Synonym Full Names | MYC proto-oncogene, bHLH transcription factor |
| NCBI Official Symbol             | MYC                                           |
| NCBI Official Synonym Symbols    | MRTL; MYCC; c-Myc; bHLHe39                    |
| NCBI Protein Information         | myc proto-oncogene protein                    |
| UniProt Protein Name             | Myc proto-oncogene protein                    |
| UniProt Gene Name                | MYC                                           |
| UniProt Synonym Gene Names       | BHLHE39; bHLHe39                              |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/human-mouse-rat-antibody/myc/111188>