

## Rabbit Myc Polyclonal Antibody | anti-Myc antibody

Myc (phospho-Ser373)

|                              |                       |                                                                       |
|------------------------------|-----------------------|-----------------------------------------------------------------------|
| CATALOG #<br><b>AAA47818</b> | HOST<br><b>Rabbit</b> | APPLICATIONS<br><b>Immunohistochemistry, Immunoblot, Western Blot</b> |
|------------------------------|-----------------------|-----------------------------------------------------------------------|

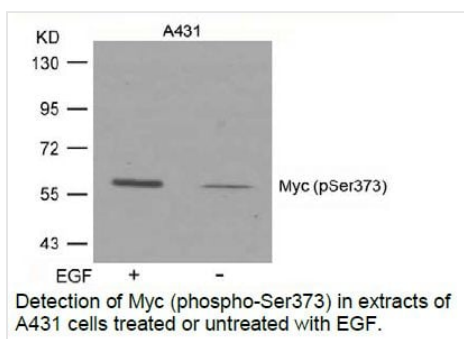
### PRODUCT SYNONYMS

Myc; Polyclonal Antibody; Myc (phospho-Ser373); anti-Myc antibody

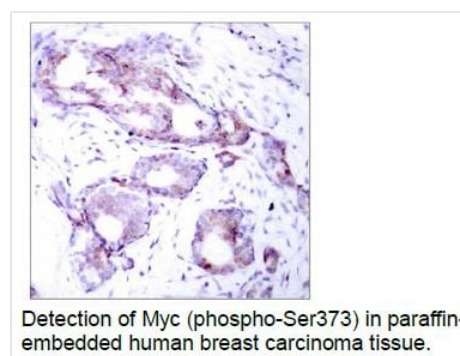
### PRODUCT SPECIFICATIONS

|                                               |                                                                                                                                                                                                                                                       |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                          | Rabbit                                                                                                                                                                                                                                                |
| Clonality                                     | Polyclonal                                                                                                                                                                                                                                            |
| Specificity                                   | This antibody detects endogenous human, mouse, and rat Myc only when phosphorylated at serine 373.                                                                                                                                                    |
| Form/Format                                   | 100ul at 1.0mg/ml in PBS (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Affinity-purified on phosphopeptide; non-phosphopeptide- reactive antibodies were removed by chromatography on non-phosphorylated peptide. |
| Sequence Length                               | 454                                                                                                                                                                                                                                                   |
| Applicable Applications for anti-Myc antibody | IHC (Immunohistochemistry), IB (Immunoblot)                                                                                                                                                                                                           |
| Antigen                                       | Peptide sequence that includes phosphorylation site of serine 373 derived from human Myc and conjugated to KLH.                                                                                                                                       |
| Preparation and Storage                       | This antibody is stable for at least one (1) year at -20 degree C. Can be stored at 4 degree C for short-term use.                                                                                                                                    |

### IMAGES



Application Data



IHC (Immunohistochemistry)

### ADDITIONAL INFORMATION

|                                                   |                                                                                                                                                                                                                                                                                                                           |
|---------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-Myc antibody | Myc (c-Myc) is a regulator gene that codes for transcription factor Myc. This protein is a multifunctional, nuclear phosphoprotein that plays a role in cell cycle progression, apoptosis and cellular transformation. A mutated version of Myc is found in many cancers which causes Myc to be constitutively expressed. |
|---------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### NCBI AND UNIPROT INFORMATION

|           |          |
|-----------|----------|
| NCBI GI # | 71774083 |
|-----------|----------|

|                                  |                                               |
|----------------------------------|-----------------------------------------------|
| NCBI GeneID                      | 4609                                          |
| NCBI Accession #                 | NP_002458.2                                   |
| NCBI GenBank Nucleotide #        | NM_002467.4                                   |
| UniProt Accession #              | P01106; P01107; Q14026; A8WFE7                |
| Molecular Weight                 | 50,565 Da                                     |
| NCBI Official Full Name          | myc proto-oncogene protein                    |
| 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                | <b>MYC</b>                                    |
| 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)

Online datasheet: <https://stage.aaabiotech.com/polyclonal/myc-antibody-immunohistochemistry-immunoblot-elisa/47818>