

### **Product datasheet for AP02335PU-N**

#### OriGene Technologies, Inc.

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# c-Myc (MYC) pThr58 Rabbit Polyclonal Antibody

#### **Product data:**

**Product Type:** Primary Antibodies

Applications: IHC, WB

Recommended Dilution: Suitable for use in Western blot (1:500~1:1000) and Immunohistochemistry (1:50~1:100).

Reactivity: Human

Host: Rabbit

Clonality: Polyclonal

**Immunogen:** The antiserum was produced against synthesized phosphopeptide derived from human Myc

around the phosphorylation site of threonine 58 (L-P-TP-P-P).

**Specificity:** The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using

epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site. Myc (phospho-Thr58) antibody detects endogenous levels of Myc only when phosphorylated

at threonine 58.

Formulation: Phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02% Sodium

Azide and 50% glycerol. State: Aff - Purified

State: Liquid purified Ig fraction.

**Concentration:** lot specific

**Purification:** Immunoaffinity chromatography.

**Conjugation:** Unconjugated

**Storage:** Store the antibody (in aliquots) at -20°C.

Avoid repeated freezing and thawing.

**Stability:** Shelf life: One year from despatch.

Gene Name: v-myc avian myelocytomatosis viral oncogene homolog

Database Link: Entrez Gene 4609 Human

P01106

**Synonyms:** Transcription factor p64, BHLHE39





# **Product images:**

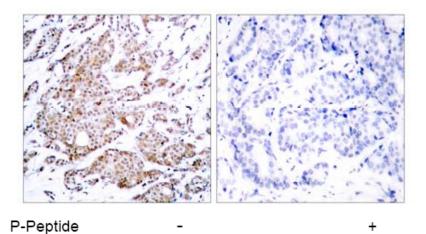


Figure 1. Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using Myc (phospho-Thr58) antibody.

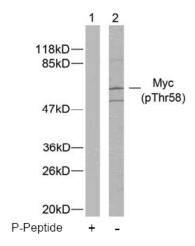


Figure 2. Western blot analysis from HeLa cells using Myc (phospho-Thr58) antibody and the same antibody with blocking peptide