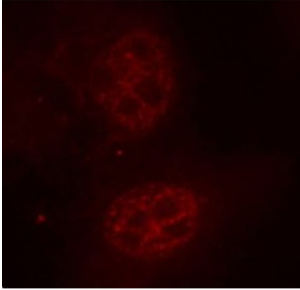


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## MYC (pS62) Antibody

Catalogue No.: abx000457



Immunofluorescence staining of methanol-fixed HeLa cells using Phospho-MYC-S62 antibody (abx000457).

MYC (pS62) Antibody is a Rabbit Polyclonal antibody against MYC (pS62). The protein encoded by this gene is a multifunctional, nuclear phosphoprotein that plays a role in cell cycle progression, apoptosis and cellular transformation. It functions as a transcription factor that regulates transcription of specific target genes. Mutations, overexpression, rearrangement and translocation of this gene have been associated with a variety of hematopoietic tumors, leukemias and lymphomas, including Burkitt lymphoma. There is evidence to show that alternative translation initiations from an upstream, in-frame non-AUG (CUG) and a downstream AUG start site result in the production of two isoforms with distinct N-termini. The synthesis of non-AUG initiated protein is suppressed in Burkitt's lymphomas, suggesting its importance in the normal function of this gene.

**Target:** MYC (pS62)

**Reactivity:** Human, Mouse, Rat

**Host:** Rabbit

**Clonality:** Polyclonal

**Tested Applications:** IF/ICC

**Recommended dilutions:** IF/ICC: 1/100 - 1/200. Optimal dilutions/concentrations should be determined by the end user.

**Immunogen:** Synthetic Peptide. A phospho specific peptide corresponding to residues surrounding S62 of human MYC.

**Purification:** Affinity purified.

**Form:** Liquid

**Isotype:** IgG

**Conjugation:** Unconjugated

**Storage:** Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.

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**Molecular Weight:** Calculated MW: 48 kDa/50 kDa

**Swiss Prot:** [P01106](#)

**GeneID:** [4609](#)

**Gene Symbol:** MYC

**Concentration:** > 1 mg/ml

**Buffer:** PBS, pH 7.3, 0.02% sodium azide, 50% glycerol.

**Note:** This product is for research use only.