

Myc Antibody | anti-Myc antibody

Myc (Phospho-Ser62) Antibody

CATALOG # AAA267325	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunofluorescence, Immunohistochemistry, Western Blot
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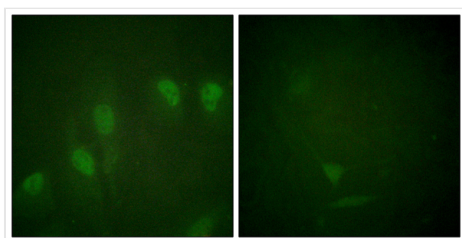
PRODUCT SYNONYMS

Myc; Myc (Phospho-Ser62) Antibody; Myc proto-oncogene protein; c-myc; anti-Myc antibody

PRODUCT SPECIFICATIONS

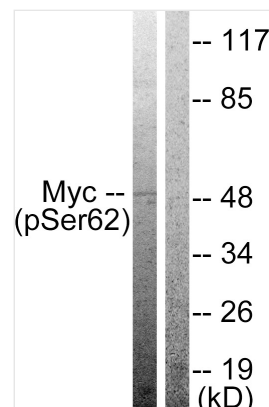
Reactivity	Human, Mouse, Rat
Specificity	Myc (phospho-Ser62) antibody detects endogenous levels of Myc only when phosphorylated at serine 62.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	454
Applicable Applications for anti-Myc antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human Myc around the phosphorylation site of serine 62 (P-L-SP-P-S).
All Sites	Human: Ser62 Mouse: Ser62 Rat: Ser62
Preparation and Storage	Store at -20 degree C for 1 year

IMAGES



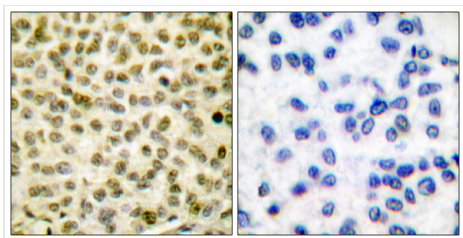
IF (Immunofluorescence)

Forskolin +/- Immunofluorescence analysis of HeLa cells, treated with Forskolin (40nM, 15mins), using Myc (phospho-Ser62) antibody.



WB (Western Blot)

Western blot analysis of extracts from 293 cells treated with Forskolin (40nM, 30mins), using Myc (phospho-Ser62) antibody.



IHC (Immunohistochemistry)
P-peptide-+ Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using Myc (phospho-Ser62) antibody.

ADDITIONAL INFORMATION

References	Markus Welcker, PNAS, Jun 2004; 101: 9085-9090. Mark A. Gregory, J. Biol. Chem., Dec 2003; 278: 51606-51612. David W. Chang, Mol. Cell. Biol., Jun 2000; 20: 4309-4319. Rosalie Sears, Genes & Dev., Oct 2000; 14: 2501.
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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.