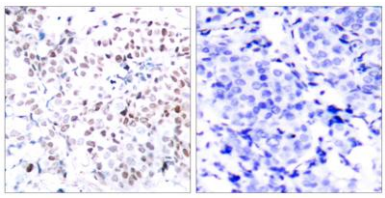
c-Myc (phospho Thr358) rabbit pAb

Cat#: orb769181 (Manual)

For research use only. Not intended for diagnostic use.

Product Name	c-Myc (phospho Thr358) rabbit pAb
Host species	Rabbit
Applications	IHC;IF;IP;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Immunohistochemistry: 1/100 - 1/300. Immunoprecipitation: 2-5 ug/mg lysate. ELISA: 1/20000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human Myc around the phosphorylation site of Thr358. AA range:325-374
Specificity	Phospho-c-Myc (T358) Polyclonal Antibody detects endogenous levels of c-Myc protein only when phosphorylated at T358.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Myc proto-oncogene protein
Gene Name	MYC
Cellular localization	Nucleus, nucleoplasm . Nucleus, nucleolus .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

Concentration	1 mg/ml
Observed band	50,(also ~60KD in some samples)
Human Gene ID	4609
Human Swiss-Prot Number	P01106
Alternative Names	MYC; BHLHE39; Myc proto-oncogene protein; Class E basic helix-loop-helix protein 39; bHLHe39; Proto-oncogene c-Myc; Transcription factor p64
Background	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. [provided by RefSeq, Jul 2008],



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using Myc (Phospho-Thr358) Antibody. The picture on the right is blocked with the phospho peptide.

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