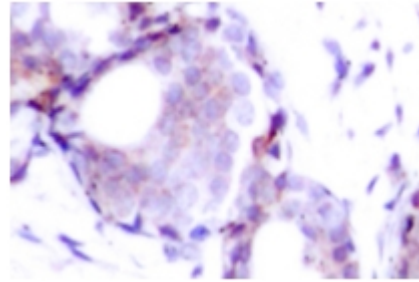


Polyclonal Antibody to c-Myc pSer373 - Aff - Purified

Alternate names:	BHLHE39, Class E basic helix-loop-helix protein 39, Myc proto-oncogene protein, Transcription factor p64
Catalog No.:	AP01637PU-N
Quantity:	0.1 mg
Concentration:	1.0 mg/ml
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.
Uniprot ID:	P01106
NCBI:	NP_002458.2
GeneID:	4609
Host:	Rabbit
Format:	State: Liquid purified Ig fraction (> 95% pure by SDS-PAGE). Purification: Affinity Chromatography using epitope-specific immunogen. Buffer System: Phosphate buffered saline (PBS), pH~7.2 containing 15 mM Sodium Azide as preservative.
Applications:	ELISA: 1/20000-1/40000. Immunohistochemistry: 1/50-1/200. Immunoprecipitation: 1/50-1/200. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody detects endogenous levels of Myc pSer373 protein. Species: Human, Mouse and Rat. Other species not tested.
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: One year from despatch.

Pictures:

Immunohistochemistry (IHC) analysis of Myc pSer373 antibody in paraffin-embedded human breast carcinoma tissue.



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Material Safety Datasheets are available at www.acris-antibodies.com or on request.

Antibody Hotline - Technical Questions - Antibody Location Service
Free Call: 0800-2274746 (Germany only) - www.acris-antibodies.com