

## C-Myc(Phospho-Ser373) Antibody FITC Conjugated

Catalog No: #C07486F

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## Description

Product Name	C-Myc(Phospho-Ser373) Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	Flow-Cyt IF
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic phosphopeptide derived from human C-Myc around the phosphorylation site of Ser373
Conjugates	FITC
Target Name	C-Myc Ser373
Other Names	MycSer373; MycS373; p-MycSer373; p-MycS373; AU016757; Avian myelocytomatosis viral oncogene homolog; bHLHe39; c Myc; Cellular myelocytomatosis oncogene;
Accession No.	NCBI Gene ID4609
Uniprot	P01106
GeneID	4609;
Excitation Emission	494nm 518nm
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

## Application Details

Flow-Cyt=1:50-200 IF=1:50-200

## 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].

Note: This product is for in vitro research use only