Myc Mouse Monoclnal Conjugated Antibody

Catalog No: #C21390

Package Size: #C21390-AF350 100ul #C21390-AF405 100ul #C21390-AF488 100ul #C21390-AF555 100ul #C21390-AF594 100ul #C21390-AF647 100ul #C21390-AF680 100ul #C21390-AF750 100ul #C21390-Biotin 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	Myc Mouse Monoclnal Conjugated Antibody
Host Species	Mouse
Clonality	Monoclonal
Species Reactivity	Hu
Specificity	This mouse mAb only detects transfected proteins.
Immunogen Description	Peptide sequence derived from C-terminal (aa. 410-432) of human c-Myc conjugated with KLH.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	c-myc
Accession No.	Swiss-Prot#:P01106NCBI Gene ID:4609NCBI mRNA#:NM_002467.4NCBI Protein#:NP_002458.2
Uniprot	P01106
GeneID	4609;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	60
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Product Description

Antibodies were produced from mice ascites by injecting mice with a monoclonal cell line which was fusioned by mouse spleen and SP2/0 myeloma cell. Spleen cells were isolated from mice by immunizing with synthetic peptide and KLH conjugates.

Background

Myc proto-oncogene encodes nuclear DNA-binding phosphoproteins that are involved in the regulation of gene expression and DNA replication during cell growth and differentiation. Myc encodes a protein of 65 kDa which is expressed in almost all normal and transformed cells. The expression correlates with the proliferation state of the cells. Transcription is repressed in quiescent or terminally differentiated cells. Expression of Myc is generally induced after mitogenic stimulation of cells or serum induction. Myc therefore is an important positive regulator of cell growth and proliferation. Myc has been demonstrated also to be a potent inducer of apoptosis when expressed in the absence of serum or growth factors. Apoptosis may serve also as a protective mechanism to prevent tumorigenicity elicited by deregulated Myc expression. Sequences of the Myc oncogene have been highly conserved throughout evolution, from Drosophila to vertebrates

Note: This product is for in vitro research use only