



Anti-c-Myc monoclonal antibody, clone 0F21 [DyLight® 550] (DCABH-513)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Mouse monoclonal to c-Myc (DyLight® 550)
Antigen Description	Participates in the regulation of gene transcription. Binds DNA in a non-specific manner, yet also specifically recognizes the core sequence 5-CAC[GA]TG-3. Seems to activate the transcription of growth-related genes.
Immunogen	Human c-Myc protein.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	0F21
Conjugate	Dylight 550
Applications	ICC/IF, Flow Cyt
Format	Liquid
Size	100 µg
Buffer	pH: 8.20; Constituent: 99% Tris buffered saline
Preservative	None
Storage	Store at +4°C.

GENE INFORMATION

Gene Name	MYC v-myc myelocytomatosis viral oncogene homolog (avian) [Homo sapiens]
Official Symbol	MYC
Synonyms	MYC; v-myc myelocytomatosis viral oncogene homolog (avian); v myc avian myelocytomatosis viral oncogene homolog; myc proto-oncogene protein; bHLHe39; c Myc; proto-oncogene c-Myc; transcription factor p64; class E basic helix-loop-helix protein 39; avian m
Entrez Gene ID	4609
Protein Refseq	NP_002458
UniProt ID	P01106
Chromosome Location	8q24
Pathway	Acute myeloid leukemia, organism-specific biosystem; Acute myeloid leukemia, conserved biosystem; Apoptosis, organism-specific biosystem; Bladder cancer, organism-specific biosystem; Bladder cancer, conserved biosystem; C-MYB transcription factor network, organism-specific biosystem; C-MYC pathway, organism-specific biosystem;
Function	DNA binding; DNA binding; E-box binding; protein binding; protein complex binding; repressing transcription factor binding; sequence-specific DNA binding transcription factor activity; transcription factor binding;