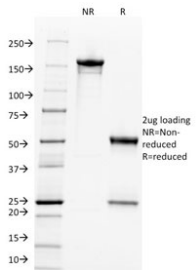
c-Myc Antibody [clone 9E11.] (V8454)

Catalog No.	Formulation	Size
V8454-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V8454-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V8454SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	9E11.
Purity	Protein G affinity chromatography
UniProt	P01106
Localization	Nuclear
Applications	ELISA : order Ab without BSA for coating
Limitations	This c-Myc antibody is available for research use only.



SDS-PAGE analysis of purified, BSA-free c-Myc antibody as confirmation of integrity and purity.

Description

It recognizes a transcription factor of 64-67kDa, identified as c-myc. Its epitope spans between aa 410-419 (EQKLISEEDL) which is a specific portion of an alpha helical region of human c-myc protein. This MAb shows no cross-

reaction with v-myc. c-myc is involved in the control of cell proliferation and differentiation and is amplified and/or overexpressed in a variety of tumors. Over-expression of c-myc protein occurs frequently in luminal cells of prostate intraepithelial neoplasia as well as in most primary carcinomas and metastatic disease.

Application Notes

Optimal dilution of the c-Myc antibody should be determined by the researcher.

Immunogen

Amino acids AEEQKLISEEDLLRKRREQLKHKLEQLRNSCA from C-terminus of the human protein was used as the immunogen for the c-Myc antibody. The epitope has been mapped to amino acids EQKLISEEDL.

Storage

Store the c-Myc antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).