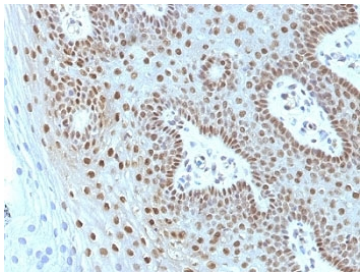
c-Myc Antibody Cocktail [clone MYC275 + MYC909] (V2747)

Catalog No.	Formulation	Size
V2747-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V2747-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V2747SAF-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	MYC275 + MYC909
Purity	Protein G affinity chromatography
UniProt	P01106
Localization	Nuclear
Applications	Flow Cytometry : 0.5-1ug/10^6 cells Immunofluorescence : 1-2ug/ml Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT
Limitations	This c-Myc antibody cocktail is available for research use only.



IHC: Formalin-fixed, paraffin-embedded human cervical carcinoma stained with c-Myc antibody (MYC275 + MYC909).

Description

It recognizes a transcription factor of 64-67kDa, identified as c-myc. 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 over-expressed 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. Rearrangement of the MYC gene is found in 3% to 16% of diffuse large B-cell lymphoma (DLBCL s) and in nearly 100% of Burkitt lymphomas (BL). Identifying MYC status is important in establishing final diagnosis of DLBCL, BL, or B-cell lymphoma, with features intermediate between DLBCL and BL as well as in differential diagnoses of the lymphomas.

Application Notes

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

1. Staining of formalin-fixed tissues requires boiling tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 10-20 min followed by cooling at RT for 20 min

Immunogen

Recombinant human protein was used as the immunogen for the c-Myc antibody cocktail.

Storage

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