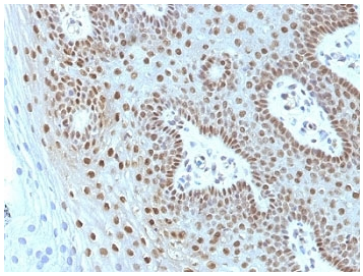
# c-Myc Antibody Cocktail [clone MYC275 + MYC909] (V2747)

| 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 |
| **Host** | Mouse |
| **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<br>Immunofluorescence: 1-2ug/ml<br>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).


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