

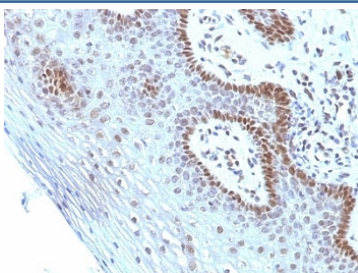
## Myc Antibody [clone SPM237] (V2745)

Catalog No.	Formulation	Size
V2745-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V2745-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V2745SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V2745IHC-7ML	Prediluted in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide; *For IHC use only*	7 ml

 Citations (1)

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal (mouse origin)
<b>Isotype</b>	Mouse IgG1, kappa
<b>Clone Name</b>	SPM237
<b>Purity</b>	Protein G affinity chromatography
<b>UniProt</b>	P01106
<b>Localization</b>	Nuclear
<b>Applications</b>	Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT (1) (2)
<b>Limitations</b>	This Myc antibody is available for research use only.



IHC analysis of formalin-fixed, paraffin-embedded human cervical carcinoma stained with Myc antibody (clone SPM237).

## Description

Myc, or 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 Myc antibody 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
2. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.

## Immunogen

Amino acids AEEQKLISEEDLLRKRREQLKHKLEQLRNSCA from the C-terminus were used as the immunogen for the Myc antibody.

## Storage

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