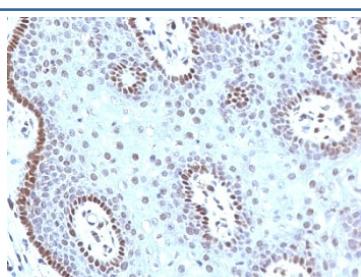


## c-Myc Antibody [clone MYC909] (V2746)

Catalog No.	Formulation	Size
V2746-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V2746-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V2746SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V2746IHC-7ML	Prediluted in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide; *For IHC use only*	7 ml

[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	MYC909
Purity	Protein G affinity chromatography
UniProt	P01106
Localization	Nuclear
Applications	Flow Cytometry : 0.5-1ug/10 <sup>6</sup> cells Immunofluorescence : 1-2ug/ml Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT
Limitations	This c-Myc antibody is available for research use only.



IHC: Formalin-fixed, paraffin-embedded human cervical carcinoma stained with c-Myc antibody (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 a transcription factor that binds DNA in a non-specific manner, yet also specifically recognizes the core sequence 5'-CAC[GA]TG-3'. Activates the transcription of growth-related genes. [UniProt]

## Application Notes

The stated application concentrations are suggested starting amounts. Optimal dilution of the c-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

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

## Storage

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