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36-1480: Monoclonal Antibody to c-Myc Oncoprotein(Clone: SPM237)

Clonality: Monoclonal Clone Name: SPM237 FACS.IF.IHC Application: Reactivity: Human Gene: MYC Gene ID: 4609 **Uniprot ID:** P01106 Purified Format: **Alternative Name:** MYC, BHLHE39

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Isotype: Mouse IgG1, kappa

Immunogen Information: A synthetic peptide, corresponding to aa 408-439 (AEEQKLISEEDLLRKRREQLKHKLEQLRNSCA)

from C-terminus of human c-myc, coupled to KLH.

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.

Product Info

Amount: 100 μg

Purification : Affinity Chromatography

Content: 100 μg in 500 μl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly

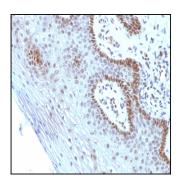
toxic.

Storage condition : Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid

repeated freeze and thaw cycles.

Application Note

Flow Cytometry (1-2ug/million cells); Immunofluorescence (1-2ug/ml); Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 minutes at RT)(Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes)



Formalin-fixed, paraffin-embedded human Cervical Carcinoma stained with c-myc Monoclonal Antibody (SPM237).