

36-1481: Monoclonal Antibody to c-Myc Oncoprotein(Clone : MYC909)

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| Clonality : | Monoclonal |
| Clone Name : | MYC909 |
| Application : | FACS,IF,IHC |
| Reactivity : | Human |
| Gene : | MYC |
| Gene ID : | 4609 |
| Uniprot ID : | P01106 |
| Format : | Purified |
| Alternative Name : | MYC,BHLHE39 |
| Isotype : | Mouse IgG1, kappa |
| Immunogen Information : | Recombinant human c-myc protein |

Description

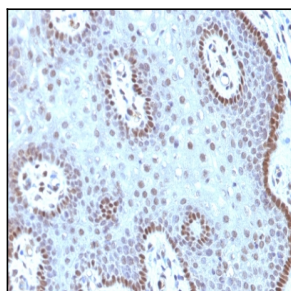
It recognizes a transcription factor of 64-67kDa, identified as c-myc. This MAb shows no cross-reaction with v-myc. c-myc is involved in the control of cell proliferation and differentiation and is amplified and/or over-expressed in a variety of tumors. Over-expression of c-myc protein occurs frequently 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.

Product Info

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| 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 (MYC909).