# c-Myb (phospho Ser12) Polyclonal Antibody

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| **Catalog No** | YP-Ab-01351 |
| **Isotype** | IgG |
| **Reactivity** | Human;Mouse |
| **Applications** | WB;IHC;IF;ELISA |
| **Gene Name** | MYB |
| **Protein Name** | Transcriptional activator Myb |
| **Immunogen** | The antiserum was produced against synthesized peptide derived from human MYB around the phosphorylation site of Ser12. AA range:1-50 |
| **Specificity** | Phospho-c-Myb (S12) Polyclonal Antibody detects endogenous levels of c-Myb protein only when phosphorylated at S12. |
| **Formulation** | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| **Source** | Polyclonal, Rabbit,IgG |
| **Purification** | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| **Dilution** | WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/5000.. IF 1:50-200 |
| **Concentration** | 1 mg/ml |
| **Purity** | ≥90% |
| **Storage Stability** | -20°C/1 year |
| **Synonyms** | MYB; Transcriptional activator Myb; Proto-oncogene c-Myb |
| **Observed Band** | 65kD |
| **Cell Pathway** | Nucleus . |
| **Tissue Specificity** | Liver,Placenta,Testis, |
| **Function** | domain:Comprised of 3 domains; an N-terminal DNA-binding domain, a centrally located transcriptional activation domain and a C-terminal domain involved in transcriptional repression.,function:Transcriptional activator; DNA-binding protein that specifically recognize the sequence 5'-YAAC[GT]G-3'. Plays an important role in the control of proliferation and differentiation of hematopoietic progenitor cells.,PTM:Phosphorylated by NLK on multiple sites, which induces proteasomal degradation.,PTM:Ubiquitinated; mediated by SIAH1 and leading to its subsequent proteasomal degradation.,similarity:Contains 3 HTH myb-type DNA-binding domains.,subunit:Binds MYBBP1A. Interacts with HIPK2, MAF and NLK., |
| **Background** | This gene encodes a protein with three HTH DNA-binding domains that functions as a transcription regulator. This protein plays an essential role in the regulation of hematopoiesis. This gene may be aberrently expressed or rearranged or undergo translocation in leukemias and lymphomas, and is considered to be an oncogene. |

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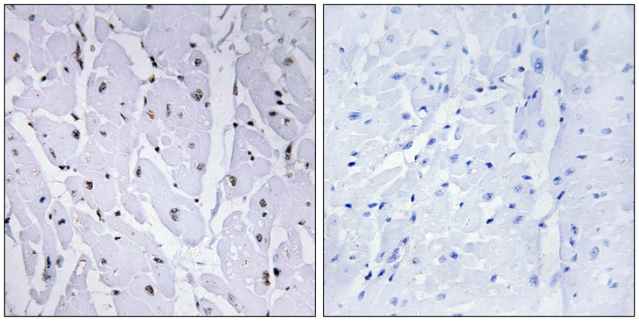
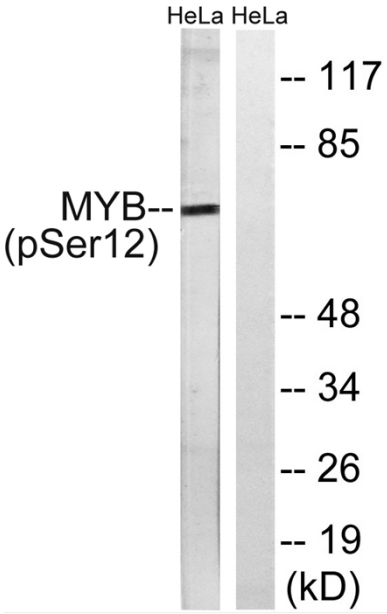
| | Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2016], |
| **matters needing attention** | Avoid repeated freezing and thawing! |
| **Usage suggestions** | This product can be used in immunological reaction related experiments. For more information, please consult technical personnel. |

## Products Images



Immunohistochemistry analysis of paraffin-embedded human heart, using MYB (Phospho-Ser12) Antibody. The picture on the right is blocked with the phospho peptide.




Western blot analysis of lysates from HeLa cells treated with Hu 2nM 24h, using MYB (Phospho-Ser12) Antibody. The lane on the right is blocked with the phospho peptide.