

## Anti-B MyB/MYBL2 Antibody Picoband® Biotin Conjugated

Catalog Number: A02597-Biotin

### About MYBL2

MYBL2 (V-MYB avian myeloblastosis viral oncogene homolog-like 2), also called MYB-RELATED GENE BMYB, is a protein that in humans is encoded by the MYBL2 gene. The protein encoded by this gene, a member of the MYB family of transcription factor genes, is a nuclear protein involved in cell cycle progression. Barletta et al. (1991) assigned the MYBL2 gene to chromosome Xq13. However, Noben-Trauth et al. (1996) demonstrated that this assignment was an error. Using mouse Mybl2 cDNA clones as probes, they assigned Mybl2 in an interspecific backcross panel to distal mouse chromosome 2. Using human cDNA probes in combination with fluorescence in situ hybridization analysis, they localized MYBL2 to chromosome 20q13.1, a region that is commonly deleted in myeloid disorders and shows high homology of synteny to mouse chromosome 2. It has been shown to activate the cell division cycle 2, cyclin D1, and insulin-like growth factor-binding protein 5 genes. Transcript variants may exist for this gene, but their full-length natures have not been determined.

### Overview

|                      |  |
|----------------------|--|
| Product Name         | Anti-B MyB/MYBL2 Antibody Picoband® Biotin Conjugated  |
| Reactive Species     | Human  |
| Application          | WB, IHC, ELISA   |
| Clonality            | Polyclonal   |
| Formulation          | Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.02% NaN <sub>3</sub> . |
| Storage Instructions | At -20°C for one year from date of receipt. Avoid repeated freezing and thawing.                             |
| Host                 | Rabbit   |
| Uniprot ID           | P10244   |

### Technical Details

|                  |  |
|------------------|--|
| Immunogen        | E.coli-derived human B MyB/MYBL2 recombinant protein (Position: K31-R695). |
| Cross Reactivity | No cross-reactivity with other proteins.                                   |
| Isotype          | Rabbit IgG   |
| Form             | Liquid   |
| Concentration    | 0.5 mg/mL  |
| Purification     | Immunogen affinity purified.   |
| Conjugate        | Biotin   |

**Suggested Dilutions**

Western blot, Optimal dilutions should be determined by end users.  
Immunohistochemistry (Paraffin-embedded Section), Optimal dilutions should be determined by end users.  
ELISA, Optimal dilutions should be determined by end users.

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