

**Anti-c-Myb Picoband Antibody**  
**Catalog # ABO11979****Specification**

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**Anti-c-Myb Picoband Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">P10242</a>
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Format	Lyophilized

**Description**

Rabbit IgG polyclonal antibody for Transcriptional activator Myb(MYB) detection. Tested with WB in Human.

**Reconstitution**

Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

**Anti-c-Myb Picoband Antibody - Additional Information**

**Gene ID** 4602

**Other Names**

Transcriptional activator Myb, Proto-oncogene c-Myb, MYB

**Calculated MW**

72341 MW KDa

**Application Details**

Western blot, 0.1-0.5 µg/ml, Human<br>

**Subcellular Localization**

Nucleus .

**Protein Name**

Transcriptional activator Myb

**Contents**

Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na<sub>2</sub>HPO<sub>4</sub>, 0.05mg NaN<sub>3</sub>.

**Immunogen**

E.coli-derived human c-Myb recombinant protein (Position: M1-E201). Human c-Myb shares 100% amino acid (aa) sequence identity with mouse c-Myb.

**Purification**

Immunogen affinity purified.

**Cross Reactivity**

No cross reactivity with other proteins

**Storage**

At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

**Sequence Similarities**

Contains 3 HTH myb-type DNA-binding domains.

**Anti-c-Myb Picoband Antibody - Protein Information**

**Name** MYB

**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.

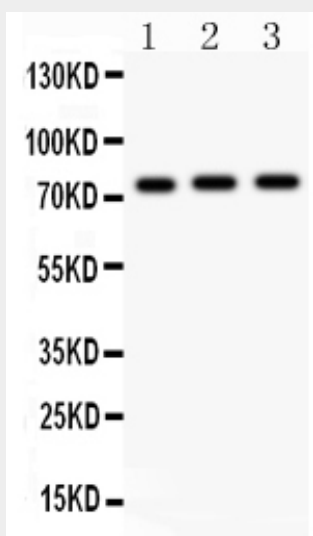
**Cellular Location**

Nucleus {ECO:0000255|PROSITE-ProRule:PRU00625, ECO:0000269|PubMed:19646965}

**Anti-c-Myb Picoband Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Anti-c-Myb Picoband Antibody - Images**

Anti- c-Myb Picoband antibody, ABO11979, Western blottingAll lanes: Anti c-Myb (ABO11979) at 0.5ug/mlLane 1: Human Placenta Tissue Lysate at 50ugLane 2: SMMC Whole Cell Lysate at 40ugLane 3: HELA Whole Cell Lysate at 40ugPredicted bind size: 74KDObserved bind size: 74KD

#### **Anti-c-Myb Picoband Antibody - Background**

Myb proto-oncogene protein, also known as transcriptional activator Myb, is a protein that in humans is encoded by the MYB gene. It is a member of the MYB (myeloblastosis) family of transcription factors. This gene is mapped to 6q23.3. The protein contains three domains, an N-terminal DNA-binding domain, a central transcriptional activation domain and a C-terminal domain involved in transcriptional repression. This protein plays an essential role in the regulation of hematopoiesis and may play a role in tumorigenesis, including the regulation of miR-155 in B-cells. MYB is also a critical target of MIR150.