

**MYB Antibody (Center)**  
**Purified Mouse Monoclonal Antibody (Mab)**  
**Catalog # AW5232**

**Specification**

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**MYB Antibody (Center) - Product Information**

Application	WB,E
Primary Accession	<a href="#">P10242</a>
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	H=72 KDa
Isotype	IgG1, $\kappa$
Antigen Source	HUMAN

**MYB Antibody (Center) - Additional Information**

**Gene ID** 4602

**Antigen Region**  
1-185

**Other Names**  
Transcriptional activator Myb, Proto-oncogene c-Myb, MYB

**Dilution**  
WB~~1:2000

**Target/Specificity**  
This MYB antibody is generated from a mouse immunized with a KLH conjugated synthetic peptide between 1-185 amino acids from the Central region of human MYB.

**Format**  
Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, followed by dialysis against PBS.

**Storage**  
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**  
MYB Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

**MYB Antibody (Center) - 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

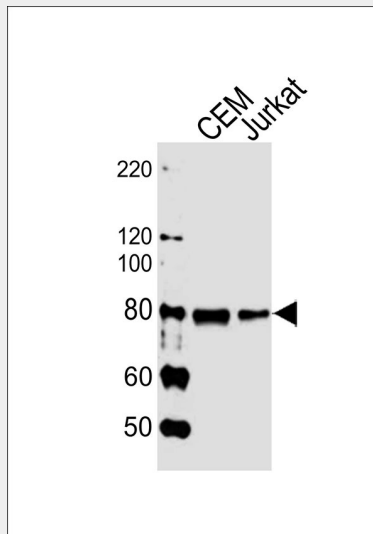
Nucleus {ECO:0000255|PROSITE-ProRule:PRU00625, ECO:0000269|PubMed:19646965}

### MYB Antibody (Center) - Protocols

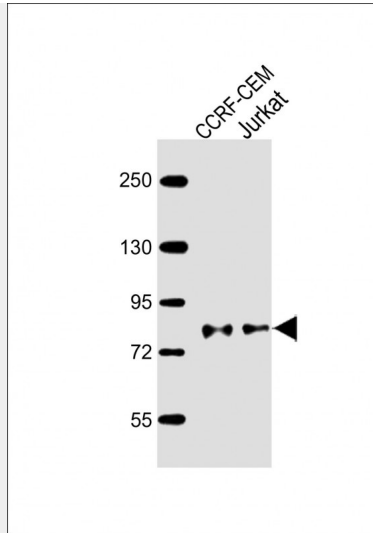
Provided below are standard protocols that you may find useful for product applications.

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

### MYB Antibody (Center) - Images



Western blot analysis of lysates from CEM, Jurkat cell line (from left to right), using MYB Antibody (Center) (Cat. #AW5232). AW5232 was diluted at 1:1000 at each lane. A goat anti-mouse IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody.



All lanes : Anti-MYB Antibody (Center) at 1:2000 dilution Lane 1: CCRF-CEM whole cell lysate Lane 2: Jurkat whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 80 kDa Blocking/Dilution buffer: 5% NFDN/TBST.

#### **MYB Antibody (Center) - Background**

Transcriptional activator; DNA-binding protein that specifically recognize the sequence 5'&#x2013;YAAC[GT]G-3'&#x2013;. Plays an important role in the control of proliferation and differentiation of hematopoietic progenitor cells.

#### **MYB Antibody (Center) - References**

Majello B.,et al.Proc. Natl. Acad. Sci. U.S.A. 83:9636-9640(1986).  
Westin E.H.,et al.Oncogene 5:1117-1124(1990).  
Close J.P.,et al.BMC Genomics 5:33-33(2004).  
Westin E.H.,et al.Submitted (MAR-1995) to the EMBL/GenBank/DDBJ databases.  
Gaillard C.,et al.Submitted (NOV-1998) to the EMBL/GenBank/DDBJ databases.