

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

Specification

MYB Antibody (Center) - Product Information

Application	WB,E
Primary Accession	P10242
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	H=72 KDa
Isotype	IgG1, κ
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~~1:1000

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.

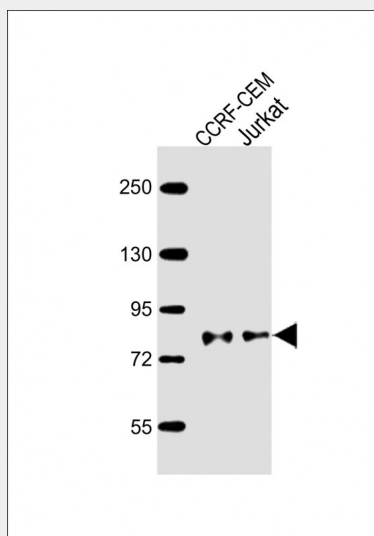
Cellular Location

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

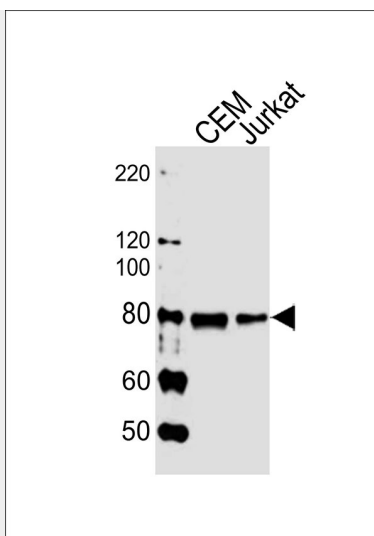
MYB Antibody (Center) - Protocols

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

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% NFDM/TBST.



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.

MYB Antibody (Center) - Background

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.

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.