

**MYB Antibody (Center)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP13990c**

**Specification**

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

Application	WB, IHC-P,E
Primary Accession	<a href="#">P10242</a>
Other Accession	<a href="#">NP_001123645.1</a> , <a href="#">NP_001123644.1</a> , <a href="#">NP_005366.2</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	72341
Antigen Region	419-448

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

**Gene ID** 4602

**Other Names**

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

**Target/Specificity**

This MYB antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 419-448 amino acids from the Central region of human MYB.

**Dilution**

WB~~1:1000  
IHC-P~~1:10~50

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**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**

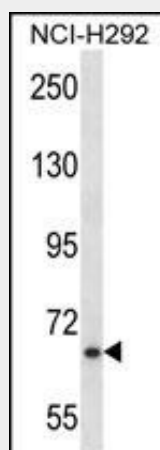
Nucleus {ECO:0000255|PROSITE-ProRule:PRU00625, ECO:0000269|PubMed:19646965}

**MYB Antibody (Center) - Protocols**

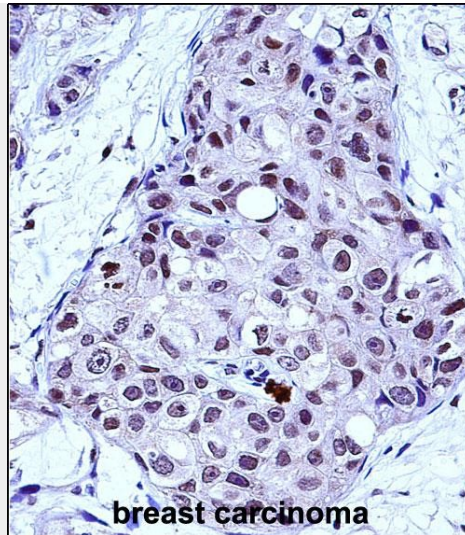
Provided below are standard protocols that you may find useful for product applications.

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

**MYB Antibody (Center) - Images**



MYB Antibody (Center) (Cat. #AP13990c) western blot analysis in NCI-H292 cell line lysates (35ug/lane). This demonstrates the MYB antibody detected the MYB protein (arrow).



MYB Antibody (Center) (Cat. #AP13990c) immunohistochemistry analysis in formalin fixed and paraffin embedded human breast carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of MYB Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.

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

This gene encodes a transcription factor that is a member of the MYB family of transcription factor genes. 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. Alternative splicing results in multiple transcript variants.

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

- Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010)
- Tanno, B., et al. J. Biol. Chem. 285(38):29434-29445(2010)
- Melen, E., et al. J. Allergy Clin. Immunol. 126(3):631-637(2010)
- Stenman, G., et al. Cell Cycle 9(15):2986-2995(2010)
- Deisenroth, C., et al. Mol. Cell. Biol. 30(16):3981-3993(2010)