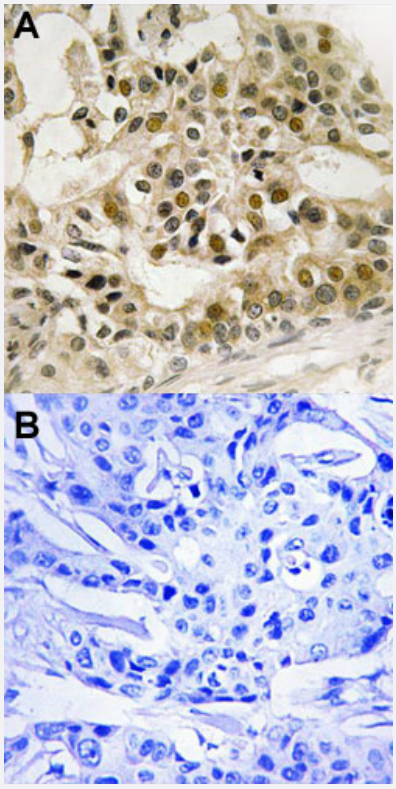
MYB (phospho S532) polyclonal antibody

Catalog # PAB29583 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human breast carcinoma tissue with MYB (phospho S532) polyclonal antibody (Cat # PAB29583) under 1:50-1:100 dilution (A) or treated with synthesized peptide (B).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic phosphopeptide of human MYB.
Immunogen	A synthetic phosphopeptide (conjugated with KLH) corresponding to residues surrounding S532 of human MYB.
Host	Rabbit
Reactivity	Human, Mouse
Specificity	MYB (phospho S532) polyclonal antibody detects endogenous levels of human MYB only when phosphorylated at serine 532.

Form	Liquid
Purification	Affinity chromatography
Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50-1:100) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (without Mg^{2+} and Ca^{2+}), 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

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Gene Info — MYB

Entrez GeneID	4602
Protein Accession#	P10242
Gene Name	MYB
Gene Alias	Cmyb, c-myb, c-myb_CDS, efg
Gene Description	v-myb myeloblastosis viral oncogene homolog (avian)
Omim ID	189990
Gene Ontology	Hyperlink
Gene Summary	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 transcri ptional activation domain and a C-terminal domain involved in transcriptional repression. This prot ein plays an essential role in the regulation of hematopoiesis and may play a role in tumorigenesi s. Alternative splicing results in multiple transcript variants. [provided by RefSeq

Other Designations	Avian myeloblastosis viral (v-myb) oncogene homolog|OTTHUMP00000017258|c-myb protein (140 AA)|c-myb10A_CDS|c-myb13A_CDS|c-myb14A_CDS|c-myb8B_CDS|v-myb avian myeloblastosis viral oncogene homolog|v-myb myeloblastosis viral oncogene homolog

Disease

- alpha-Thalassemia
- Anemia
- Asthma
- Atherosclerosis
- beta-Thalassemia
- Cardiovascular Diseases
- Coronary Artery Disease
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Graft Occlusion
- Hypertension
- Myocardial Infarction
- Nasal Polyps
- Obesity
- Pain
- Thalassemia