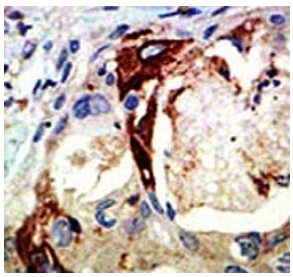
Myb Antibody (F48064)

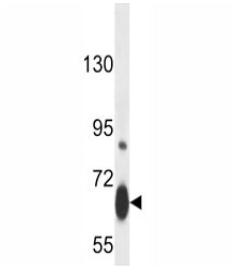
Catalog No.	Formulation	Size
F48064-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F48064-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Mouse
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P10242
Applications	IHC (Paraffin): 1:50-1:100 Western blot: 1:1000
Limitations	This Myb antibody is available for research use only.



IHC analysis of FFPE human breast carcinoma tissue stained with the Myb antibody



Myb antibody western blot analysis in mouse heart tissue lysate. Predicted molecular weight ~ 72 kDa.

Description

Myb is a transcriptional activator; DNA-binding protein that recognizes the sequence 5'-YAAC[GT]G-3'. It participates in the control of proliferation and differentiation of hematopoietic progenitor cells. Myb is a transcription factor related to Myc, and is expressed predominantly in haematopoietic cells and immature gastroepithelial cells. TRAF7 stimulates the sumoylation of Myb at Lys-523 and Lys-499, which are the same sites as those used for PIASy-induced sumoylation. A correlation has been established between reduction in sumoylation of Myb and increase in transcriptional activation. Negative influence on transactivation properties by the negative regulatory domain region of c-Myb depends on upon sumoylation.

Application Notes

Titration of the Myb antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 506-534 from the human protein was used as the immunogen for this Myb antibody.

Storage

Aliquot the Myb antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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