

Anti-MYB Antibody (7C786)

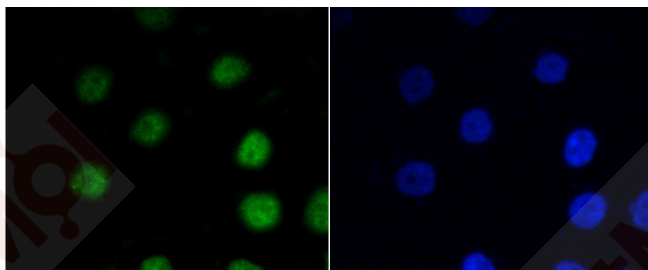
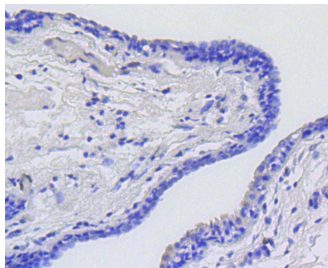
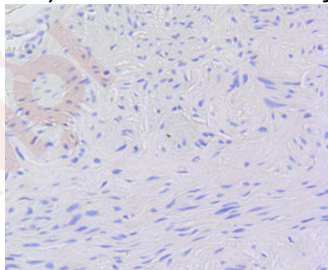
Product Details

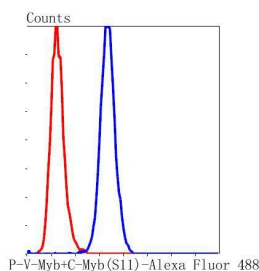
Ig Type:	IgG
Reactivity:	Human
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 72/75 kDa.
Clone:	7C786
Purification:	ProA affinity purified

Applications

Verified Activity:

1. Immunohistochemical analysis of paraffin-embedded human uterine neck tissue using anti-P-V-Myb+C-Myb (S11) antibody. Counter stained with hematoxylin.
2. Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using anti-P-V-Myb+C-Myb (S11) antibody. Counter stained with hematoxylin.
3. ICC staining P-V-Myb+C-Myb (S11) in A9 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.
4. Flow cytometric analysis of MCF-7 cells with P-V-Myb+C-Myb (S11) antibody at 1/50 dilution (blue) compared with an unlabelled control (cells without incubation with primary antibody; red). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as antibody.





Application: FCM,ICC/IF,IHC,WB

Recommended WB: 1:1000-2000; IHC: 1:50-200; ICC/IF: 1:50-200; FCM: 1:50-100

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: A synthesized phosphopeptide: human V-Myb+C-Myb around the phosphorylation site of Ser11

Antigen Species: Human

Uniprot ID: P10242

Synonyms: c-myb8B_CDS;Transcriptional activator Myb;C myb;c-myb13A_CDS;Oncogene MYB;c-myb14A_CDS;c-myb10A_CDS;c-myb_CDS;MYB proto-oncogene transcription factor;efg;Proto oncogene c Myb;v myb avian myeloblastosis viral oncogene homolog;Cmyb;ONCOGENE AMV

Research Background

The Myb family of transcription factors regulates proliferation, differentiation and apoptosis of hematopoietic cells. The avian myeloblastosis viral (v-Myb) protein is nuclear and binds to specific DNA sequences. The gene encoding for v-Myb is oncogenic, causing monoblastic leukemia and transforming myelomonocytic cells by deregulating the expression of specific target genes. v-Myb functions as a transcriptional activator, and it can repress biologically relevant genes such as Ets-2, which promotes macrophage differentiation. The proto-oncogene c-Myb encodes for a nuclear protein that plays a role in transcriptional regulation and may be essential for hematopoietic cell proliferation. A-Myb is also member of the Myb family that is expressed in proliferating B cell centroblasts. Transgenic mice overexpressing A-Myb possess enhanced hyperplasia of the lymph nodes.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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