

P-V-Myb+C-Myb(S11) Rabbit mAb

Catalog No: #13346

Package Size: #13346-1 50ul #13346-2 100ul

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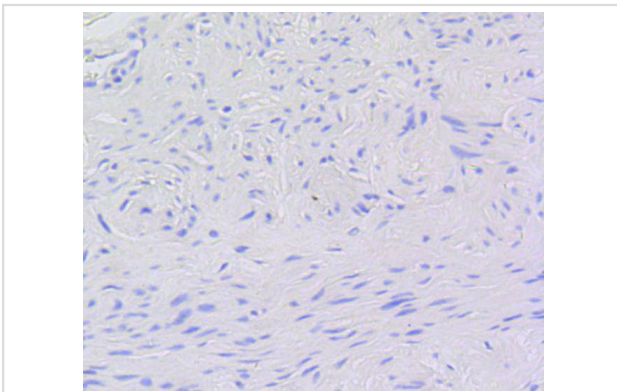
Description

Product Name	P-V-Myb+C-Myb(S11) Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Clone No.	SZ04-81
Purification	ProA affinity purified
Applications	WB, ICC/IF, IHC, FC
Species Reactivity	Hu
Immunogen Description	Synthetic phospho-peptide corresponding to residues surrounding Ser11 of human V-Myb+C-Myb.
Other Names	C myb antibody C myb protein antibody Cmyb antibody MYB antibody Myb proto oncogene antibody V myb myeloblastosis viral oncogene homolog antibody
Accession No.	Swiss-Prot#:P10242
Uniprot	P10242
GeneID	4602;
Calculated MW	72/75 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

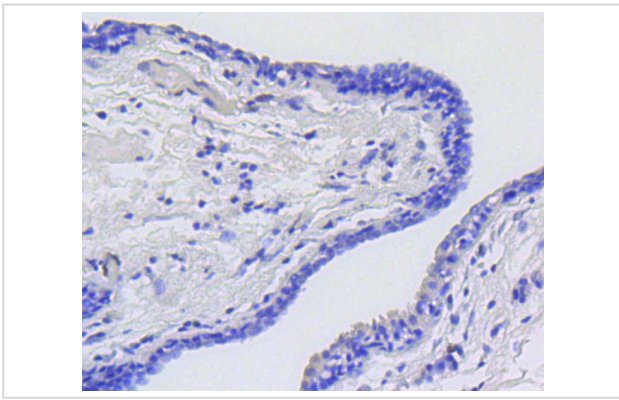
Application Details

WB: 1:1,000-1:2,000 IHC: 1:50-1:200 ICC: 1:50-1:200FC: 1:50-1:100

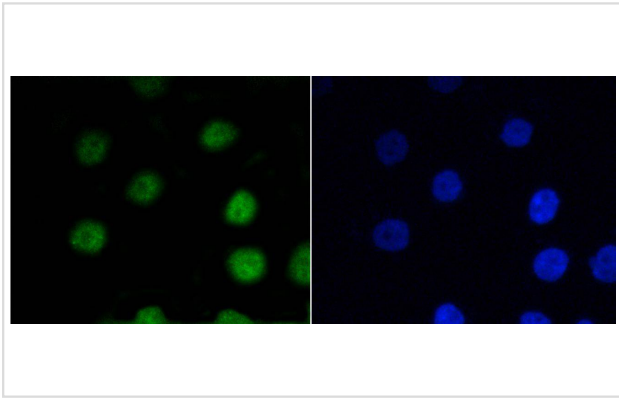
Images



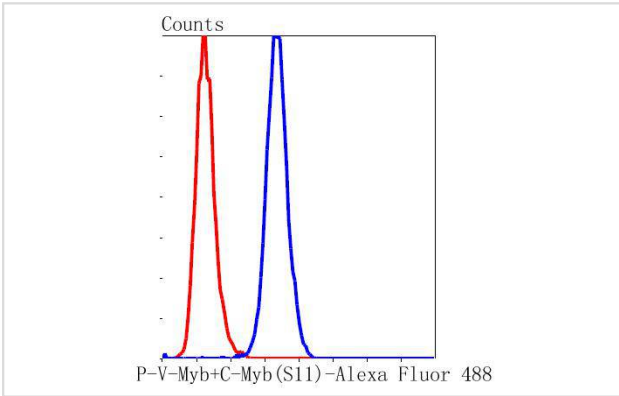
Immunohistochemical analysis of paraffin-embedded human uterine neck tissue using anti-P-V-Myb+C-Myb(S11) antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using anti-P-V-Myb+C-Myb(S11) antibody. Counter stained with hematoxylin.



ICC staining P-V-Myb+C-Myb(S11) in Ags cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



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

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 monoclastic 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.

References

Note: This product is for in vitro research use only