SunLong Biotech Co.,LTD
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Rabbit Anti-phospho-V-Myb+C-Myb (Ser11)antibody

SLM-54494R

Product Name	phospho-V-Myb+C-Myb (Ser11)
Chinese Name	磷酸化转录激活因子 MYBRecombinant rabbit monoclonal anti
Alias	Avian myeloblastosis viral (v-myb) oncogene homolog; C myb; c-Myb; MYB_HUMAN; Proto-oncogene c-Myb; Transcriptional activator Myb; v-myb avian myeloblastosis viral oncogene homolog.
Product Type	Phosphorylated anti Recombinant rabbit monoclonal anti
Research Area	Tumour immunology Chromatin and nuclear signals transcriptional regulatory factor Epigenetics
Immunogen Species	Rabbit
Clonality	Monoclonal
React Species	Human
Applications	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:50-200,IF=1:50-200（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Theoretical molecular weight	84kDa
Cellular localization	The nucleus
Form	Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthesised phosphopeptide derived from human MYB around the phosphorylation site of Ser11
Lsotype	IgG
Purification	affinity purified by Protein A
Buffer Solution	Human1M TBS(pH7.4) with 1% BSA, Human3% Proclin300 and 50% Glycerol.
Storage	Shipped at 4℃. Store at -20 ℃ for one year. Avoid repeated freeze/thaw cycles.

Attention

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

PubMed

PubMed

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.

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.

Subcellular Location:
Nucleus.

Post-translational modifications:
Ubiquitinated; mediated by SIAH1 and leading to its subsequent proteasomal degradation.
Phosphorylated by NLK on multiple sites, which induces proteasomal degradation.

Similarity:
Contains 3 HTH myb-type DNA-binding domains.

Product Detail

SWISS:
P10242

Gene ID:
4602

Database links:

Entrez Gene: 4602 Human

Entrez Gene: 17863 Mouse

Entrez Gene: 498982 Rat

SwissProt: P46200 Cow

SwissProt: P10242 Human

SwissProt: P06876 Mouse

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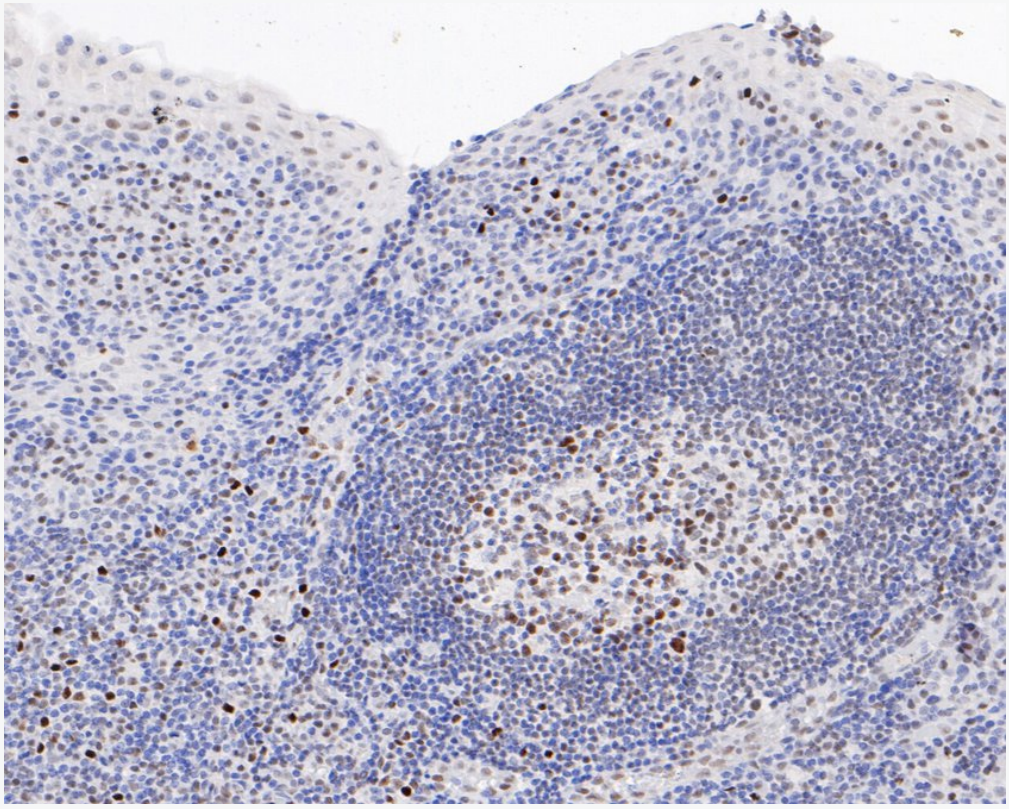
Product Picture



Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-P-V-Myb+C-Myb(S11) antibody. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed with ddH2O and PBS, and then probed with the primary antibody (SLM-54494R, 1/200) for 30 minutes at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.

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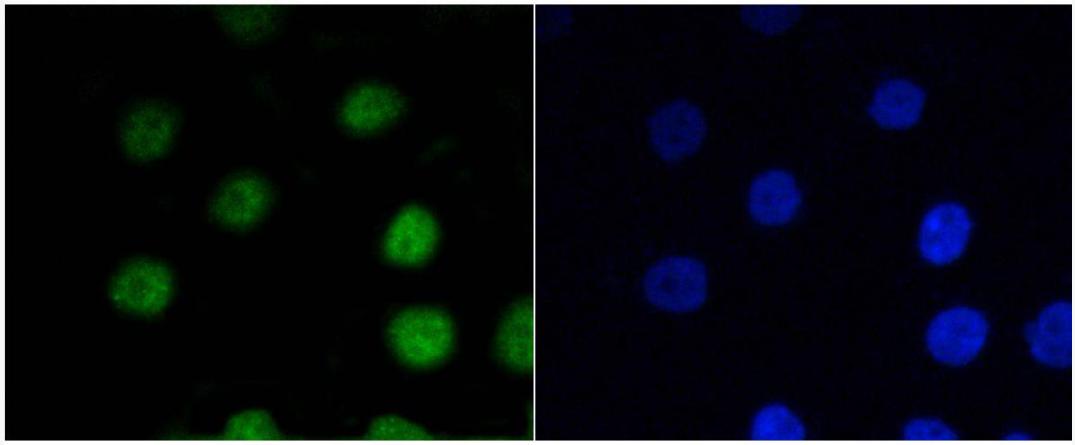

ICC staining of P-V-Myb+C-Myb(S11) in AGS cells (green). Formalin fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 10 minutes at room temperature and blocked with 1% Blocker BSA for 15 minutes at room temperature. Cells were probed with the primary antibody (SLM-54494R, 1/50) for 1 hour at room temperature, washed with PBS. Alexa Fluor®488 Goat anti-Rabbit IgG was used as the secondary antibody at 1/1,000 dilution. The nuclear counter stain is DAPI (blue).

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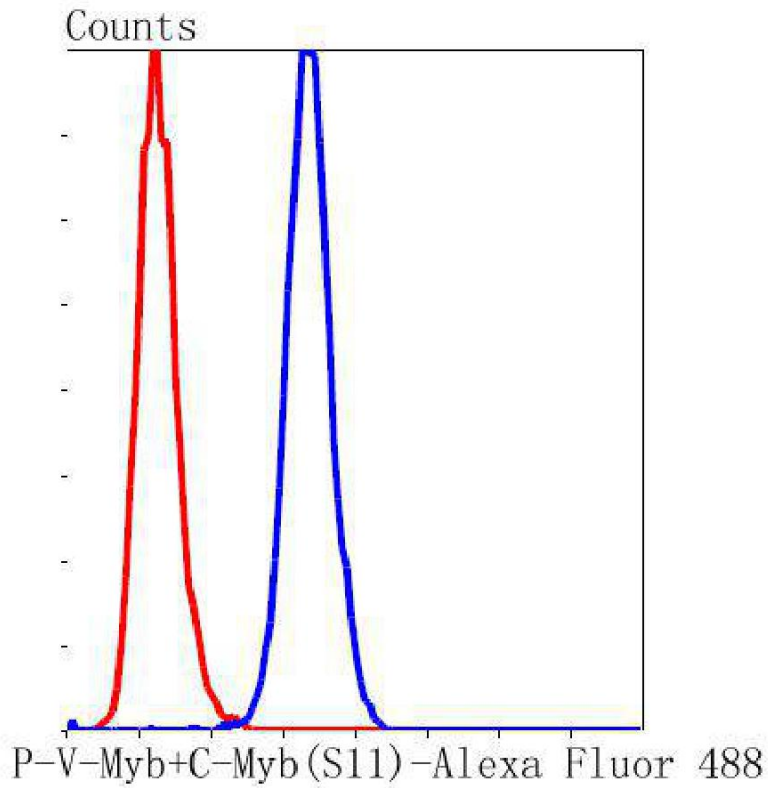

Flow cytometric analysis of P-V-Myb+C-Myb(S11) was done on MCF-7 cells. The cells were fixed, permeabilized and stained with the primary antibody (SLM-54494R, 1/50) (blue). After incubation of the primary antibody at room temperature for an hour, the cells were stained with a Alexa Fluor 488-conjugated Goat anti-Rabbit IgG Secondary antibody at 1/1000 dilution for 30 minutes.Unlabelled sample was used as a control (cells without incubation with primary antibody; red).