



Product datasheet

Anti-c-Myb antibody [MYB286] ab190825

Overview

Product name	Anti-c-Myb antibody [MYB286]
Description	Mouse monoclonal [MYB286] to c-Myb
Host species	Mouse
Tested applications	Suitable for: IP, Flow Cyt, ICC/IF
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide corresponding to c-Myb aa 119-135 conjugated to Keyhole Limpet Haemocyanin (KLH). (Avian myeloblastosis virus). Sequence: RRKVEQEGYPQESSKAG Database link: P01104  Run BLAST with  Run BLAST with
Positive control	Jurkat, MOLT4, COLO or BT-20 cells. Colon or breast carcinomas.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	Preservative: 0.05% Sodium azide Constituent: 0.05% BSA
Clonality	Monoclonal
Clone number	MYB286
Isotype	IgG1
Light chain type	kappa

Applications

Our [Abpromise guarantee](#) covers the use of **ab190825** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IP		Use at 2-4 µg/mg of lysate.
Flow Cyt		Use 0.5-1µg for 10 ⁶ cells. ab170190 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.
ICC/IF		Use a concentration of 1 - 2 µg/ml.

Target

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.
Sequence similarities	Contains 3 HTH myb-type DNA-binding domains.
Domain	Comprised of 3 domains; an N-terminal DNA-binding domain, a centrally located transcriptional activation domain and a C-terminal domain involved in transcriptional repression.
Post-translational modifications	Ubiquitinated; mediated by SIAH1 and leading to its subsequent proteasomal degradation. Phosphorylated by NLK on multiple sites, which induces proteasomal degradation.
Cellular localization	Nucleus.

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