

c-Myb monoclonal antibody

Catalog: MB66857

Host: Mouse

Reactivity: Human

BackGround:

c-Myb is a transcriptional activator that specifically recognizes the sequence 5'-YAAC[GT]G-3'. It is expressed in hematopoietic progenitor cells where it plays an important role in the control of proliferation and differentiation. c-Myb is required for transcription of genes involved in self-renewal of intestinal stem cells. Importantly, c-Myb regulates expression of Lgr5, a protein expressed in putative intestinal stem cells that give rise to all cell lineages of small intestinal crypts. c-Myb is reported to be expressed in colon crypt cells and in human colorectal cancer lines. Research has shown that c-Myb gene translocations and copy number alterations are found in several leukemias, breast cancer, and other solid tumors.

Product:

Mouse IgG1 kappa. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~ 80 kDa

Swiss-Prot:

P10242

Purification&Purity:

This antibody is purified through a protein G column.

Applications:

WB (1/500 - 1/1000)

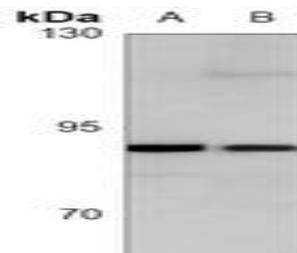
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Recognizes endogenous levels of c-Myb protein.

DATA:



Western blot analysis of c-Myb expression in Jurkat (A), CCRFCEM (B) whole cell lysates.

Note:

For research use only, not for use in diagnostic procedure.

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