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MAFK Antibody (Clone AT2F7)

单克隆抗体

产品货号: MA01500

第三版

免疫原: Recombinant human MAFK (1-156aa) purified from E. coli

亚型: IgG2a,k

克隆: Anti-human MAFK mAb, clone AT2F7, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with a recombinant human MAFK protein.

描述: The developmentally regulated expression of the globin genes depends on upstream regulatory elements termed locus control regions (LCRs). LCRs are associated with powerful enhancer activity that is mediated by the transcription factor NFE2 (nuclear factor erythroid-2). NFE2 DNA-binding activity consists of a heterodimer containing an 18-kD Maf protein (MafF, MafG or MafK) and p45. Since Maf homodimers lack a putative transactivation domain, the small Mafs behave as transcriptional repressors when they dimerize among themselves. However, they seem to serve as transcriptional activators by dimerizing with other (usually larger) basic-zipper proteins and recruiting them to specific DNA-binding sites. Small Maf proteins heterodimerize with Fos and may act as competitive repressors of the NF-E2 transcription factor. The MafK of Maf proteins is primarily expressed during development in mesenchymal and hematopoietic cells and neurons.

配方: Liquid. In Phosphate-Buffered Saline (pH 7.4) with 0.02% Sodium Azide, 10% Glycerol.

浓度: 1 mg/ml

保存: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.

应用: ELISA, WB, ICC/IF