

10-6616: Mouse Monoclonal Antibody to MAFK (Clone: 1328CT786.105.125)(Discontinued)

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| Clonality : | Monoclonal |
| Clone Name : | 1328CT786.105.125 |
| Application : | WB,FACS |
| Reactivity : | Human |
| Gene : | MAFK |
| Gene ID : | 7975 |
| Uniprot ID : | O60675 |
| Format : | Purified |
| Alternative Name : | Transcription factor MafK, Erythroid transcription factor NF-E2 p18 subunit, MAFK |
| Isotype : | Mouse IgG1,Kappa |
| Immunogen Information : | Recombinant Protein |

Description

Since they 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.

Product Info

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| Amount : | 80 μ l / 400 μ l |
| Purification : | Protein G Chromatography |
| Content : | Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. |
| Storage condition : | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term store at -20°C in small aliquots to prevent freeze-thaw cycles. |

Application Note

FACS~1:25|| WB~1:1000

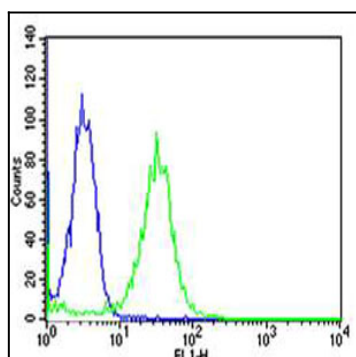


Figure 1: Flow cytometric analysis of HeLa cells using MAFK Antibody (green) (10-6616) compared to an isotype control of mouse IgG1 (blue). MAFK Antibody was diluted at 1:25 dilution. An Alexa Fluor® 488 goat anti-mouse IgG at 1:400 dilution was used as the secondary antibody.

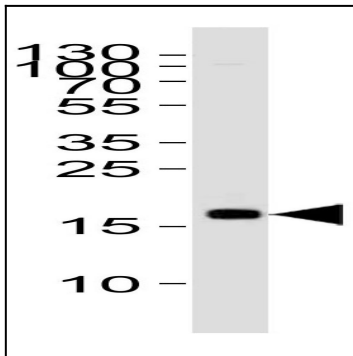


Figure 2: Western blot analysis of MAFK Antibody (10-6616) lysate from Jurkat cell line . MAFK Antibody was diluted at 1:1000. A goat anti-mouse IgG H&L (HRP) at 1:3000 dilution was used as the secondary antibody. Lysate at 35 $\frac{1}{4}$ g.