

Summary

Production Name	MAFK Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	WB,FC
Reactivity	Human, Mouse, Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Purified antibody in PBS with 0.05% sodium azide.
Purification	Affinity Purification

Immunogen

Gene Name	MAFK
Alternative Names	Transcription factor MafK, Erythroid transcription factor NF-E2 p18 subunit, MAFK
Gene ID	7975.0
SwissProt ID	O60675.This MAFK antibody is generated from a mouse immunized with a KLH conjugated synthetic peptide between amino acids from the human region of human MAFK.

Application

Dilution Ratio	WB:1:1000,FC:1:25
Molecular Weight	17.5kDa

Product Name: MAFK Mouse Monoclonal Antibody
Catalog #: AMM85959

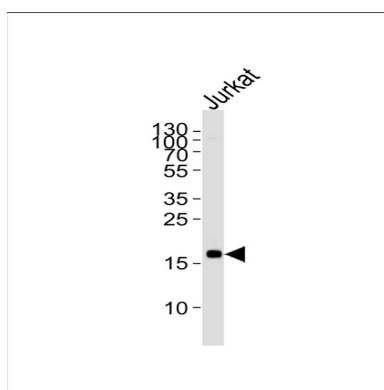


Background

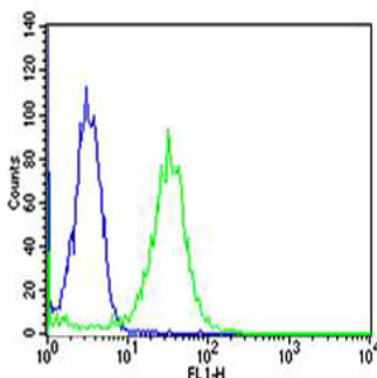
Since they lack a putative transactivation domain, the small Mafs behave as transcriptional repressors when they dimerize among themselves. However, they seem to serve as transcriptional activators by dimerizing with other (usually larger) basic-zipper proteins and recruiting them to specific DNA-binding sites. Small Maf proteins heterodimerize with Fos and may act as competitive repressors of the NF-E2 transcription factor.

Research Area

Image Data



Western blot analysis of lysate from Jurkat cell line, using MAFK Antibody(Cat. #AMM85959). AMM85959 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 35µg.



Flow cytometric analysis of Hela cells using MAFK Antibody(green, Cat#AMM85959) compared to an isotype control of mouse IgG1(blue). AMM85959 was diluted at 1:25 dilution. An Alexa Fluor® 488 goat anti-mouse IgG at 1:400 dilution was used as the secondary antibody.

Note

For research use only.