

Mouse anti-Human MAFK Monoclonal Antibody | anti-MAFK antibody

MAFK Antibody

CATALOG # AAA283548	HOST Mouse	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay, ELISA, Western Blot
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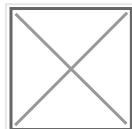
PRODUCT SYNONYMS

MAFK; Monoclonal Antibody; MAFK Antibody; Transcription factor MafK; Erythroid transcription factor NF-E2 p18 subunit; anti-MAFK antibody

PRODUCT SPECIFICATIONS

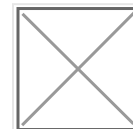
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1,kappa
Clone Number	1328CT786.105.125
Specificity	This MAFK antibody is generated from a mouse immunized with a KLH conjugated synthetic peptide between amino acids from the human region of human MAFK.
Purity/Purification	Purified Mouse Monoclonal Antibody (Mab)
Form/Format	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, followed by dialysis against PBS.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Length	156
Applicable Applications for anti-MAFK antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Recombinant Protein
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of lysate from Jurkat cell line, using MAFK Antibody. AAA283548 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 35ug.



FCM/FACS (Flow Cytometry)

Flow cytometric analysis of Hela cells using MAFK Antibody(green) compared to an isotype control of mouse IgG1(blue). AAA283548 was diluted at 1:25 dilution. An Alexa Fluor 488 goat anti-mouse IgG at 1:400 dilution was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-MAFK antibody	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 Categories/Family for anti-MAFK antibody	Crown Antibodies
References	Toki T.,et al.Oncogene 14:1901-1910(1997). Hillier L.W.,et al.Nature 424:157-164(2003). Daub H.,et al.Mol. Cell 31:438-448(2008). Dephoure N.,et al.Proc. Natl. Acad. Sci. U.S.A. 105:10762-10767(2008). Mayya V.,et al.Sci. Signal. 2:RA46-RA46(2009).

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505075
NCBI GeneID	7975
NCBI Accession #	NP_002351.1
NCBI GenBank Nucleotide #	NM_002360.3
UniProt Accession #	O60675; A4D214
Molecular Weight	17523
NCBI Official Full Name	transcription factor MafK
NCBI Official Synonym Full Names	v-maf avian musculoaponeurotic fibrosarcoma oncogene homolog K
NCBI Official Symbol	MAFK
NCBI Official Synonym Symbols	P18; NFE2U
NCBI Protein Information	transcription factor MafK
UniProt Protein Name	Transcription factor MafK
UniProt Gene Name	MAFK
UniProt Entry Name	MAFK_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/mafk-antibody-clone-1328ct786-105-125-flow-cytometry-western-blot-elisa/283548>