



MAFB Monoclonal Antibody

Catalog No	YP-mAb-05039
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	MAFB KRML
Immunogen	Synthesized peptide derived from human protein . at AA range: 180-260
Specificity	MAFB Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	KRML;Maf B;Maf-B;Transcription factor MafB;V-maf musculoaponeurotic fibrosarcoma;MAFB;MAFB KRML;Transcription factor MafB (Maf-B) (V-maf musculoaponeurotic fibrosarcoma oncogene homolog B)
Observed Band	35kD
Calculated Molecular Weight	35kD
Cell Pathway	Nucleus .
Tissue Specificity	Ubiquitous.
Function	domain:The leucine-zipper domain is involved in the interaction with LRPICD., function:Acts as a transcriptional activator or repressor. Plays a pivotal role in regulating lineage-specific hematopoiesis by repressing ETS1-mediated transcription of erythroid-specific genes in myeloid cells. Required for monocytic, macrophage, podocyte and islet beta cell differentiation. Involved in renal tubule survival and F4/80 maturation. Activates the insulin and glucagon promoters. Together with PAX6, transactivates weakly the glucagon gene promoter through the G1 element. SUMO modification controls its transcriptional activity and ability to specify macrophage fate. Binds element G1 on the glucagon promoter (By similarity). Involved either as an oncogene or as a tumor suppressor, depending on the cell context.,PTM:Phosphorylated by GSK3 and MAPK13 on



serine and threonine residues.,PTM:Sumoylated. Su

Background

The protein encoded by this gene is a basic leucine zipper (bZIP) transcription factor that plays an important role in the regulation of lineage-specific hematopoiesis. The encoded nuclear protein represses ETS1-mediated transcription of erythroid-specific genes in myeloid cells. This gene contains no introns. [provided by RefSeq, Jul 2008],

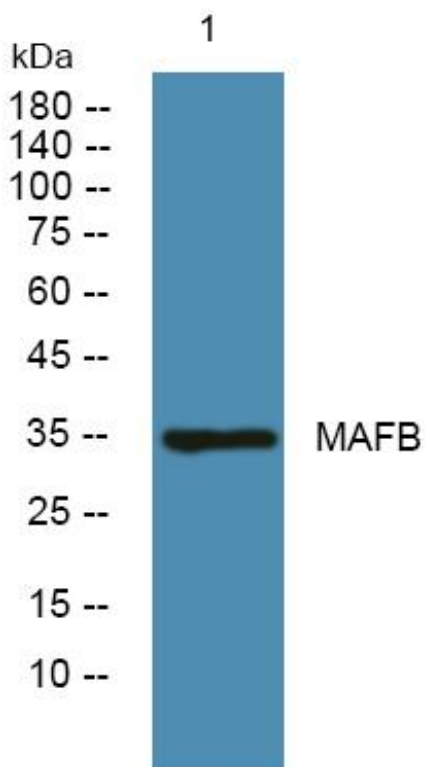
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using MAFB Monoclonal Antibody