EEBF1 Mouse mAb

Catalog No	YP-mAb-19243
Isotype	IgG
Reactivity	Human,Mouse,Rat
Applications	WB
Gene Name	SUFU UNQ650/PRO1280
Protein Name	Suppressor of fused homolog (SUFUH)
Immunogen	Synthesized peptide derived from human EBF1
Specificity	This antibody detects endogenous levels of EBF1 at Human, Mouse,Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA 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 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	
Calculated Molecular Weight	65kD
Cell Pathway	Nucleus .
Tissue Specificity	Ubiquitous in adult tissues. Detected in osteoblasts of the perichondrium in the developing limb of 12-week old embryos. Isoform 1 is detected in fetal brain, lung, kidney and testis. Isoform 2 is detected in fetal testis, and at much lower levels in fetal brain, lung and kidney.
Function	Key pioneer transcription factor of B-cell specification and commitment . Recognizes variations of the palindromic sequence 5'-ATTCCCNNGGGAATT-3'. Operates in a transcription factor network to activate B-cell-specific genes and repress genes associated with alternative cell fates. For instance, positively regulates many B-cell specific genes including BCR or CD40 while repressing genes that direct cells into alternative lineages, including GATA3 and TCF7 for the T-cell lineage. In addition to its role during lymphopoiesis, controls the thermogenic gene program in adipocytes during development and in response to environmental cold (By similarity). ; (Microbial infection) Acts as a chromatin anchor for Epstein-Barr virus EBNA2 to mediate the assembly of EBNA2 chromatin complexes in B-cells . In addition, binds to the viral LMP1 proximal

	promoter and promotes its expression during latency .
Background	
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.

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