

Anti-MLF1 antibody



Description	Rabbit polyclonal to MLF1.
Model	STJ94144
Host	Rabbit
Reactivity	Human, Mouse
Applications	ELISA, WB
Immunogen	Synthesized peptide derived from human MLF1
Immunogen Region	130-210 aa, Internal
Gene ID	4291
Gene Symbol	MLF1
Dilution range	WB 1:500-1:2000ELISA 1:20000
Specificity	MLF1 Polyclonal Antibody detects endogenous levels of MLF1 protein.
Tissue Specificity	Most abundant in testis, ovary, skeletal muscle, heart, kidney and colon. Low expression in spleen, thymus and peripheral blood leukocytes.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Myeloid leukemia factor 1 Myelodysplasia-myeloid leukemia factor 1
Molecular Weight	30 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:71250MIM:601402
Alternative Names	Myeloid leukemia factor 1 Myelodysplasia-myeloid leukemia factor 1
Function	Involved in lineage commitment of primary hemopoietic progenitors by restricting erythroid formation and enhancing myeloid formation. Interferes with erythropoietin-induced erythroid terminal differentiation by preventing cells from exiting the cell cycle through suppression of CDKN1B/p27Kip1 levels. Suppresses RFWD2/COP1 activity via CSN3 which activates p53 and induces cell cycle arrest. Binds DNA and affects the expression of a number of genes so may function as a transcription factor in the nucleus.
Cellular Localization	Cytoplasm Nucleus. Shuttles between the cytoplasm and nucleus.
Post-translational Modifications	Phosphorylation is required for binding to YWHAZ.

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