

Rabbit anti-Human, mouse MLF1 Polyclonal Antibody | anti-MLF1 antibody

MLF1 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288025	Rabbit	Human, mouse	Immunohistochemistry, Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

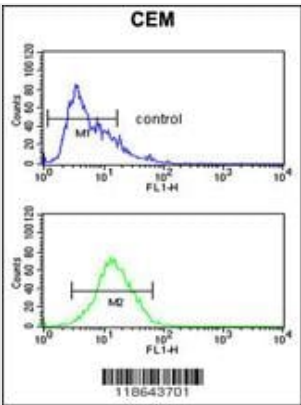
MLF1; Polyclonal Antibody; MLF1 Antibody (C-term); Myeloid leukemia factor 1; Myelodysplasia-myeloid leukemia factor 1; anti-MLF1 antibody

PRODUCT SPECIFICATIONS

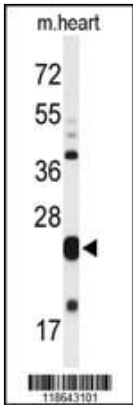
Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This MLF1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 215-244 amino acids from the C-terminal region of human MLF1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	215-244
Sequence Length	243
Applicable Applications for anti-MLF1 antibody	IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
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.



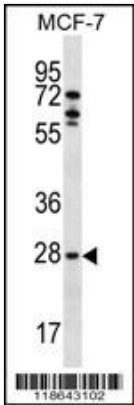
IHC (Immunohistochemistry)
MLF1 Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human testis tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of MLF1 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



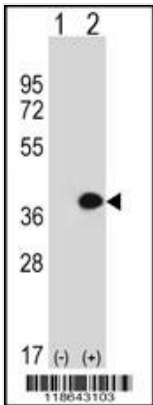
FCM/FACS (Flow Cytometry)
MLF1 Antibody (C-term) flow cytometric analysis of CEM cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
Western blot analysis of MLF1 Antibody (C-term) in mouse heart tissue lysates (35ug/lane). MLF1 (arrow) was detected using the purified Pab.



WB (Western Blot)
MLF1 Antibody (C-term) western blot analysis in MCF-7 cell line lysates (35ug/lane). This demonstrates the MLF1 antibody detected the MLF1 protein (arrow).



WB (Western Blot)
Western blot analysis of MLF1 (arrow) using rabbit polyclonal MLF1 Antibody (C-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the MLF1 gene.

ADDITIONAL INFORMATION

Related Product Information for anti-MLF1 antibody	MLF1 is involved in lineage commitment of primary hemopoietic progenitors by restricting erythroid formation and enhancing myeloid formation. The protein interferes with erythropoietin-induced erythroid terminal differentiation by preventing cells from exiting the cell cycle through suppression of CDKN1B/p27Kip1 levels. It suppresses RFWD2/COP1 activity via CSN3 which activates p53 and induces cell cycle arrest. It binds DNA and affects the expression of a number of genes so may function as a transcription factor in the nucleus.
Product Categories/Family for anti-MLF1 antibody	Cardiovascular; Cell biology; Signal transduction
References	Li,Z.F., J. Neurol. Sci. 264 (1-2), 77-86 (2008) Yoneda-Kato,N., EMBO J. 24 (9), 1739-1749 (2005)

NCBI AND UNIPROT INFORMATION

NCBI GI #	194328678
NCBI GeneID	4291
NCBI Accession #	NP_001123628.1; NP_001123629.1; NP_001182361.1; NP_001182362.1; NP_001182363.1; NP_071888.1
NCBI GenBank Nucleotide #	NM_001130156.2
UniProt Accession #	P58340; Q2TLE3; Q2TLE5; Q8N8F8; Q96MH1; E9PEU9
Molecular Weight	30627
NCBI Official Full Name	myeloid leukemia factor 1 isoform 2
NCBI Official Synonym Full Names	myeloid leukemia factor 1
NCBI Official Symbol	MLF1
NCBI Protein Information	myeloid leukemia factor 1
UniProt Protein Name	Myeloid leukemia factor 1
UniProt Gene Name	MLF1
UniProt Entry Name	MLF1_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/polyclonal/mlf1-antibody-immunohistochemistry-flow-cytometry-western-blot-elisa/288025>