Mouse anti-Human LEF1 Monoclonal Antibody | anti-LEF1 antibody

LEF1 (Lymphoid Enhancer-binding Factor 1, T Cell-specific Transcription Factor 1-alpha, DKFZp586H0919) (Biotin)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA24847	**Mouse**	**Human**	**ELISA, Western Blot**

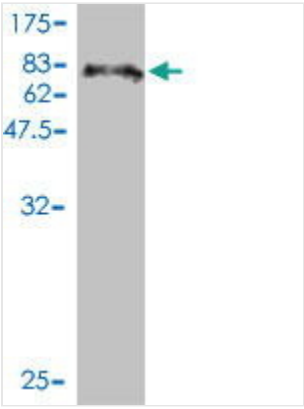
PRODUCT SYNONYMS

LEF1; Monoclonal Antibody; LEF1 (Lymphoid Enhancer-binding Factor 1; T Cell-specific Transcription Factor 1-alpha; DKFZp586H0919) (Biotin); anti-LEF1 antibody

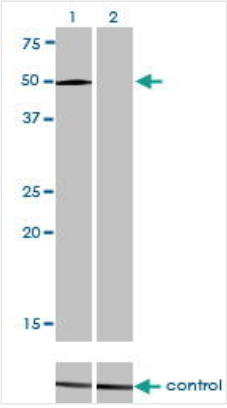
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	3H5
Specificity	Recognizes human LEF1.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Biotin.
Applicable Applications for anti-LEF1 antibody	ELISA, WB (Western Blot)
Application Notes	Applications are based on unconjugated antibody.
Immunogen	Full length recombinant corresponding to aa1-400 from human LEF1 (AAH50632) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MPQLSGGGGGGGGDPELCATDEMIPFKDEGDPQKEKIFAEISHPEEEGDLADIKSSLVNESEIIPASNGHEVARQAQTSQEPYHDKAREHPDDGKHPDG
Conjugate	Biotin
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and stor

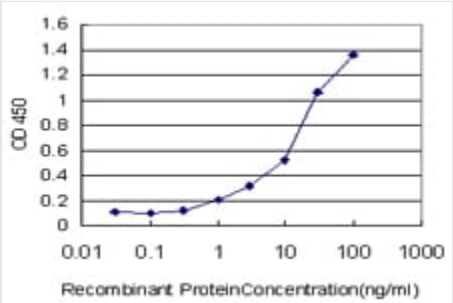
IMAGES



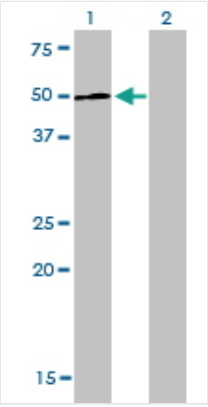
WB (Western Blot)
Western Blot detection against Immunogen (70kD).



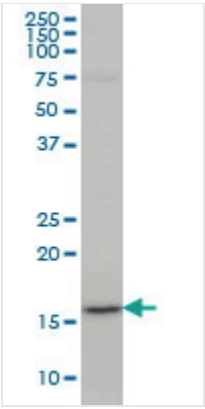
WB (Western Blot)
Western blot analysis of LEF1 over-expressed 293 cell line, cotransfected with LEF1 Validated Chimera RNAi (Lane 2) or non-transfected control (Lane 1). Blot probed with LEF1 monoclonal antibody. GAPDH (36.1kD) used as specificity and loading control.



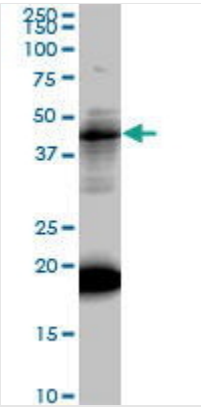
Application Data
Detection limit for recombinant GST tagged LEF1 is ~0.3ng/ml as a capture antibody.



WB (Western Blot)
Western Blot analysis of LEF1 expression in transfected 293T cell line by LEF1 monoclonal antibody. Lane 1: LEF1 transfected lysate (44.2kD). Lane 2: Non-transfected lysate.



WB (Western Blot)
LEF1 monoclonal antibody, Western Blot analysis of LEF1 expression in MES-SA/Dx5.



WB (Western Blot)
LEF1 monoclonal antibody. Western Blot analysis of LEF1 expression in HL-60.

ADDITIONAL INFORMATION

Related Product Information for anti-LEF1 antibody	This gene encodes a transcription factor belonging to a family of proteins that share homology with the high mobility group protein-1. The protein encoded by this gene can bind to a functionally important site in the T-cell receptor-alpha enhancer, thereby conferring maximal enhancer activity. This transcription factor is involved in the Wnt signaling pathway, and it may function in hair cell differentiation and follicle morphogenesis. Mutations in this gene have been found in somatic sebaceous tumors. This gene has also been linked to other cancers, including androgen-independent prostate cancer. Alternative splicing results in multiple transcript variants.

Product Categories/Family for anti-LEF1 antibody	Antibodies; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	34193554
NCBI GeneID	51176
Molecular Weight	34,103 Da
NCBI Official Full Name	Homo sapiens lymphoid enhancer-binding factor 1, mRNA
NCBI Official Synonym Full Names	lymphoid enhancer binding factor 1
NCBI Official Symbol	LEF1
NCBI Official Synonym Symbols	LEF-1; TCF10; TCF7L3; TCF1ALPHA
NCBI Protein Information	lymphoid enhancer-binding factor 1

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/lef1-antibody-clone-3h5-western-blot-elisa/24847