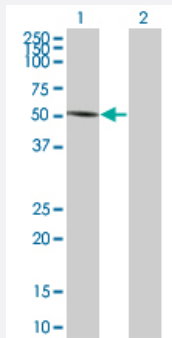


LEF1 monoclonal antibody (M10), clone 3A2

Catalog # H00051176-M10

Size 100 ug

Applications

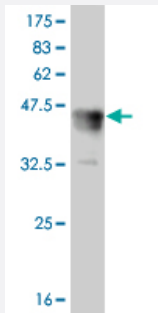


Western Blot (Transfected lysate)

Western Blot analysis of LEF1 expression in transfected 293T cell line by LEF1 monoclonal antibody (M10), clone 3A2.

Lane 1: LEF1 transfected lysate(44.2 KDa).

Lane 2: Non-transfected lysate.



Western blot detection against Immunogen (37.29 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant LEF1.
Immunogen	LEF1 (NP_057353, 33 a.a. ~ 138 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	QKEKIFAEISHPEEEGLADIKSSLVNESEIIPASNGHEVARQAQTSQEPYHDKAREHPDDGKHPD GGLYNKGPSYSSYSGYIMPMNMNDPYMSNGSLSPPIPT
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (97); Rat (96)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.29 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of LEF1 expression in transfected 293T cell line by LEF1 monoclonal antibody (M10), clone 3A2.

Lane 1: LEF1 transfected lysate(44.2 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — LEF1

Entrez GeneID	51176
GeneBank Accession#	NM_016269
Protein Accession#	NP_057353
Gene Name	LEF1
Gene Alias	DKFZp586H0919, TCF1ALPHA
Gene Description	lymphoid enhancer-binding factor 1
Omim ID	153245
Gene Ontology	Hyperlink

Gene Summary

LEF1 is a nuclear protein that is expressed in pre-B and T cells. It binds to a functionally important site in the T-cell receptor-alpha (TCRA; MIM 186880) enhancer and confers maximal enhancer activity. LEF1 belongs to a family of regulatory proteins that share homology with high mobility group protein-1 (HMG1; MIM 163905) (Waterman et al., 1991 [PubMed 2010090]; van Genderen et al., 1994 [PubMed 7958926]).[supplied by OMIM]

Other Designations

lymphoid enhancer binding factor-1

Pathway

- [Acute myeloid leukemia](#)
- [Adherens junction](#)
- [Arrhythmogenic right ventricular cardiomyopathy \(ARVC\)](#)
- [Basal cell carcinoma](#)
- [Colorectal cancer](#)
- [Endometrial cancer](#)
- [Melanogenesis](#)
- [Pathways in cancer](#)
- [Prostate cancer](#)
- [Thyroid cancer](#)
- [Wnt signaling pathway](#)

Disease

- [Alcoholism](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Craniofacial Abnormalities](#)
- [Depressive Disorder](#)
- [Genetic Predisposition to Disease](#)

- [Heart Defects](#)
- [Mouth Abnormalities](#)