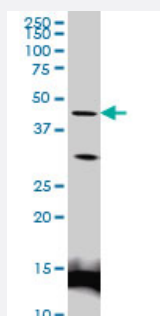


LEF1 monoclonal antibody (M04), clone 2C9

Catalog # H00051176-M04

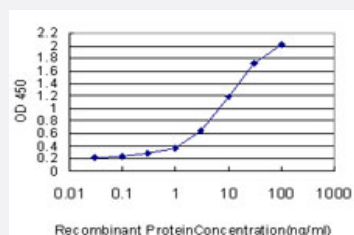
Size 100 ug

Applications



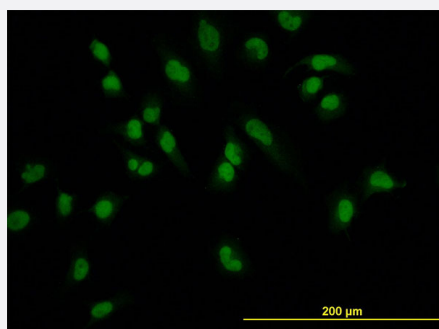
Western Blot (Cell lysate)

LEF1 monoclonal antibody (M04), clone 2C9 Western Blot analysis of LEF1 expression in Jurkat (Cat # L017V1).



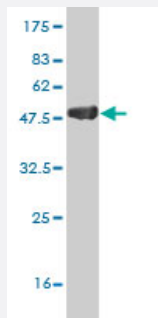
Sandwich ELISA (Recombinant protein)

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



Immunofluorescence

Immunofluorescence of monoclonal antibody to LEF1 on HeLa cell. [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (37.84 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant LEF1.
Immunogen	LEF1 (NP_057353, 14 a.a. ~ 123 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	DPELCATDEMIPFKDEGDPQKEKIFAEISHPEEEGDLADIKSSLVNESEIIPASNGHEVARQAQTS QEPYHDKAREHPDDGKHPDGGLYNKGPSYSSYSGYIMMPNMNND
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (97); Rat (96)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.84 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 (Cell lysate)

LEF1 monoclonal antibody (M04), clone 2C9 Western Blot analysis of LEF1 expression in Jurkat (Cat # L017V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

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

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to LEF1 on HeLa cell. [antibody concentration 10 ug/ml]

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](#)