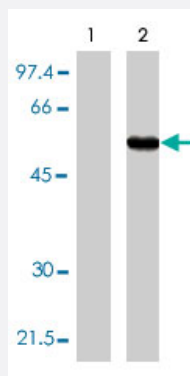


LEF1 monoclonal antibody, clone 1C3

Catalog # MAB1942 Size 100 ug

Applications



Western Blot (Transfected lysate)

Western blot analysis using LEF1 monoclonal antibody, clone 1C3 (Cat # MAB1942) on Cos cells transfected with the indicated proteins.

Specification

Product Description Mouse monoclonal antibody raised against full length recombinant LEF1.

Immunogen Recombinant protein corresponding to full length LEF1.

Host Mouse

Reactivity Human

Form Liquid

Isotype IgG1

Quality Control Testing Antibody Reactive Against Recombinant Protein.

Recommend Usage Western blot (1 to 5 ug/mL)
The optimal working dilution should be determined by the end user.

Storage Buffer In PBS (0.08% sodium azide)

Storage Instruction Store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Transfected lysate)

Western blot analysis using LEF1 monoclonal antibody, clone 1C3 (Cat # MAB1942) on Cos cells transfected with the indicated proteins.

Gene Info — LEF1

Entrez GeneID [51176](#)

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

Publication Reference

- [The human LEF-1 gene contains a promoter preferentially active in lymphocytes and encodes multiple isoforms derived from alternative splicing.](#)

Hovanes K, Li TW, Waterman ML.

Nucleic Acids Research 2000 May; 28(9):1994.

- [Functional analysis of DNA bending and unwinding by the high mobility group domain of LEF-1.](#)

Giese K, Pagel J, Grosschedl R.

PNAS 1997 Nov; 94(24):12845.

- [LEF-1, a nuclear factor coordinating signaling inputs from wingless and decapentaplegic.](#)

Riese J, Yu X, Munnerlyn A, Eresh S, Hsu SC, Grosschedl R, Bienz M.

Cell 1997 Mar; 88(6):777.

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](#)