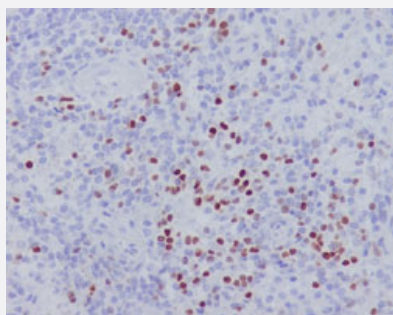


LEF1 monoclonal antibody, clone CFG-12

Catalog # MAB20444 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human spleen with LEF1 monoclonal antibody, clone CFG-12 (Cat # MAB20444).

Specification

Product Description Rabbit monoclonal antibody raised against synthetic peptide of human LEF1.

Immunogen A synthetic peptide corresponding to human LEF1.

Host Rabbit

Theoretical MW (kDa) 44.201

Reactivity Human

Form Liquid

Purification Affinity purification

Isotype IgG

Recommend Usage
 Immunocytochemistry (1:50-1:200)
 Immunofluorescence (1:50-1:200)
 Immunohistochemistry (1:50-1:200)
 Western Blot (1:500-1:2000)
 The optimal working dilution should be determined by the end user.

Storage Buffer In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).

Storage Instruction

Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. 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
- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)
Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human spleen with LEF1 monoclonal antibody, clone CFG-12 (Cat # MAB20444).
- Immunocytochemistry
- Immunofluorescence

Gene Info — LEF1

Entrez GeneID [51176](#)

Protein Accession# [Q9UJU2](#)

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](#)