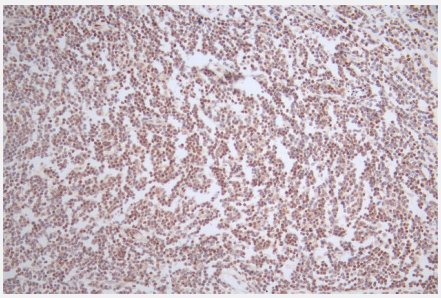
RecomAb™

LEF1 recombinant monoclonal antibody, clone 13B7

Catalog # RAB07745 Size 100 uL

Applications



Immunohistochemistry

Immunohistochemistry image of LEF1 recombinant monoclonal antibody, clone 13B7 diluted at 1:50 and staining in paraffin-embedded human tonsil tissue performed on a Leica BondTM system.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human LEF1.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human LEF1.
Reactivity	Human
Form	Liquid
Purification	Affinity chromatography purification
Isotype	IgG
Recommend Usage	ELISA Immunohistochemistry(1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH7.4 (150 mM NaCl, 0.02% sodium azide and 50% glycerol)
Storage Instruction	Store at -20°C or -80°C. Aliquot to avoid repeated freezing and thawing.

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

Applications

- Immunohistochemistry

  Immunohistochemistry image of LEF1 recombinant monoclonal antibody, clone 13B7 diluted at 1:50 and staining in paraffin-embedded human tonsil tissue performed on a Leica BondTM system.

- Enzyme-linked Immunoabsorbent Assay

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 ac tivity. 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