

A23458

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## LEF1 Rabbit mAb

Catalog No.: A23458

Recombinant

### Basic Information

#### Observed MW

25-60kDa

#### Calculated MW

44kDa

#### Category

SMab Recombinant Monoclonal  
Antibody

#### Applications

WB,IP,ELISA

#### Cross-Reactivity

Human,Mouse

#### CloneNo number

ARC57430

### Background

This gene encodes a transcription factor belonging to a family of proteins that share homology with the high mobility group protein-1. The protein encoded by this gene can bind to a functionally important site in the T-cell receptor-alpha enhancer, thereby conferring maximal enhancer activity. This transcription factor is involved in the Wnt signaling pathway, and it may function in hair cell differentiation and follicle morphogenesis. Mutations in this gene have been found in somatic sebaceous tumors. This gene has also been linked to other cancers, including androgen-independent prostate cancer. Alternative splicing results in multiple transcript variants.

### Recommended Dilutions

**WB** 1:2000 - 1:10000

**IP** 0.5µg-4µg antibody for  
200µg-400µg extracts  
of whole cells

**ELISA** Recommended starting  
concentration is 1  
µg/mL. Please optimize  
the concentration  
based on your specific  
assay requirements.

### Immunogen Information

#### Gene ID

51176

#### Swiss Prot

Q9UJU2

#### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-300 of human LEF1. (NP\_057353.1).

#### Synonyms

LEF-1; TCF10; TCF7L3; TCF1ALPHA; LEF1

### Product Information

#### Source

Rabbit

#### Isotype

IgG

#### Purification

Affinity purification

#### Storage

Store at -20°C. Avoid freeze / thaw cycles.

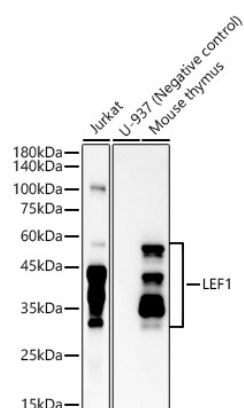
Buffer: PBS with 0.09% Sodium azide,0.05% BSA,50% glycerol,pH7.3.

### Contact



[www.abclonal.com](http://www.abclonal.com)

## Validation Data



Western blot analysis of various lysates, using LEF1 Rabbit mAb (A23458) at 1:10000 dilution.

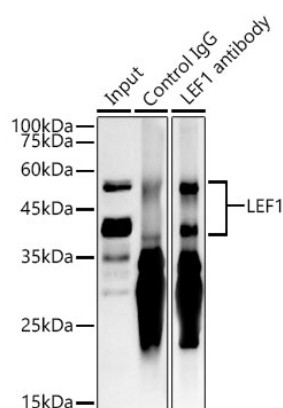
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 60s.



Immunoprecipitation analysis of 300 µg extracts of Human cells using 3 µg LEF1 antibody (A23458). Western blot was performed from the immunoprecipitate using LEF1 antibody (A23458) at a dilution of 1:20000.