

## LEF1 Rabbit mAb

Catalog No: #52394

Package Size: #52394-1 50ul #52394-2 100ul

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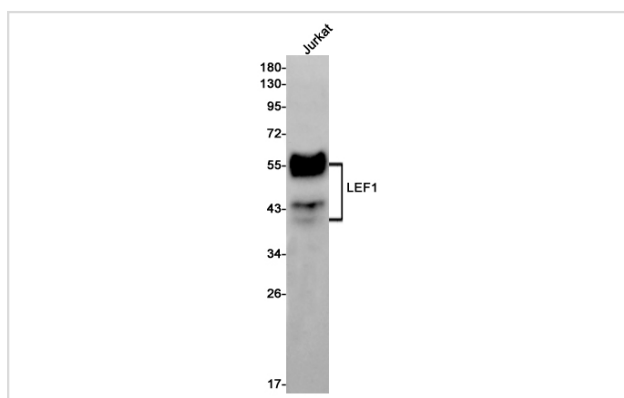
## Description

Product Name	LEF1 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S02-3A4
Isotype	Rabbit IgG
Purification	Affinity Purified
Applications	WB
Species Reactivity	Human
Immunogen Description	A synthetic peptide of human LEF1
Conjugates	Unconjugated
Modification	Unmodification
Other Names	LEF-1; TCF10; TCF7L3; TCF1ALPHA
Accession No.	Swiss-Prot:Q9UJU2GeneID:51176
Uniprot	Q9UJU2
GeneID	51176
Calculated MW	Calculated MW: 44 kDa; Observed MW: 25-58 kDa
Concentration	0.3 mg/ml
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

## Application Details

WB: 1/1000;

## Images



Western blot detection of LEF1 in Jurkat cell lysates using LEF1 Rabbit mAb(1:1000 diluted). Predicted band size:44kDa. Observed band size:25-58kDa.

## Background

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Swiss-Prot Acc.Q9UJU2.Participates in the Wnt signaling pathway. Activates transcription of target genes in the presence of CTNNB1 and EP300. May play a role in hair cell differentiation and follicle morphogenesis. TLE1, TLE2, TLE3 and TLE4 repress transactivation mediated by LEF1 and CTNNB1. Regulates T-cell receptor alpha enhancer function. Binds DNA in a sequence-specific manner. PIAG antagonizes both Wnt-dependent and Wnt-independent activation by LEF1 . Isoform 3 lacks the CTNNB1 interaction domain and may be an antagonist for Wnt signaling. Isoform 5 transcriptionally activates the fibronectin promoter, binds to and represses transcription from the E-cadherin promoter in a CTNNB1-independent manner, and is involved in reducing cellular aggregation and increasing cell migration of pancreatic cancer cells. Isoform 1 transcriptionally activates MYC and CCND1 expression and enhances proliferation of pancreatic tumor cells.

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Note: This product is for in vitro research use only