



Datasheet for ABIN565556  
**anti-LEF1 antibody (AA 1-399)**



[Go to Product page](#)

6 Images

2 Publications

### Overview

Quantity:	100 µg
Target:	LEF1
Binding Specificity:	AA 1-399
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This LEF1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, RNA Interference (RNAi)

### Product Details

Purpose:	Mouse monoclonal antibody raised against a full length recombinant LEF1.
Immunogen:	LEF1 (AAH50632, 1 a.a. ~ 399 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MPQLSGGGGG GGGPELCAT DEMIPFKDEG DPQKEKIFAE ISHP EEGDL ADIKSSLVNE SEIIPASNGH EVARQAQTSQ EPYHDKAREH PDDGKHPDGG LYNKGPSYSS YSGYIMMPNM NNDPYMSNGS LSPPIPRTSN KVPVVQPSHA VHPLTPLITY SDEHFSPGSH PSHIPSDVNS KQGMSRHPPA PDIPTFYPLS PGGVGQITPP LGWQQQPVPYP ITGGFRQPYP SSVSDTSMS RFSHHMIPGP PGPHTTGIPH PAIVTPQVKQ EHPHTDSDL M HVKQPHEQRK EQEPKRPHIK KPLNAFMLYM KEMRANVVAE CTLKESAAIN QILGRRWHAL SREEQAKYYE LARKERQLHM QLYPGWSARD NYGKKKKRKR EKLQESASGT GPRMTAAYI
Clone:	3H5

## Product Details

---

Isotype:	IgG1
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

## Target Details

---

Target:	LEF1
Alternative Name:	LEF1 ( <a href="#">LEF1 Products</a> )
Background:	Full Gene Name: lymphoid enhancer-binding factor 1 Synonyms: DKFZp586H0919,TCF1ALPHA
Gene ID:	51176
Pathways:	<a href="#">WNT Signaling</a> , <a href="#">Intracellular Steroid Hormone Receptor Signaling Pathway</a> , <a href="#">Regulation of Hormone Metabolic Process</a> , <a href="#">Nuclear Hormone Receptor Binding</a> , <a href="#">Chromatin Binding</a>

## Application Details

---

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

---

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

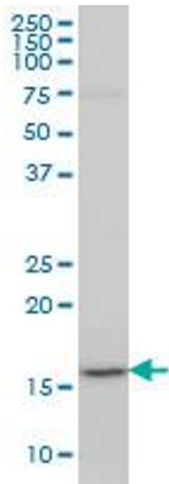
## Publications

---

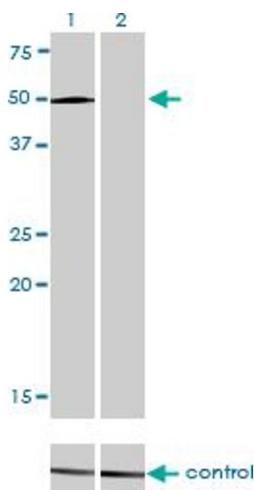
Product cited in:	Jamieson, Sharma, Henderson: "Regulation of $\beta$ -catenin nuclear dynamics by GSK-3 $\beta$ involves a LEF-1 positive feedback loop." in: <b>Traffic (Copenhagen, Denmark)</b> , Vol. 12, Issue 8, pp. 983-99, (2011) ( <a href="#">PubMed</a> ).
	Hebenstreit, Giaisi, Treiber, Zhang, Mi, Horejs-Hoeck, Andersen, Krammer, Duschl, Li-Weber: "LEF-1 negatively controls interleukin-4 expression through a proximal promoter regulatory element." in: <b>The Journal of biological chemistry</b> , Vol. 283, Issue 33, pp. 22490-7, (2008) (

[PubMed](#)).

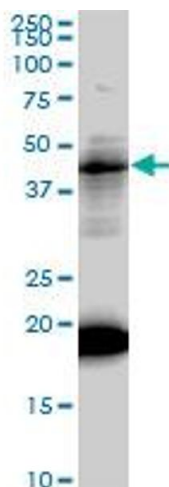
## Images

**Western Blotting**

**Image 1.** LEF1 monoclonal antibody (M01), clone 3H5 Western Blot analysis of LEF1 expression in MES-SA/Dx5 .

**Western Blotting**

**Image 2.** Western blot analysis of LEF1 over-expressed 293 cell line, cotransfected with LEF1 Validated Chimera RNAi (Lane 2) or non-transfected control (Lane 1). Blot probed with LEF1 monoclonal antibody (M01), clone 3H5. GAPDH ( 36.1 kDa ) used as specificity and loading control.

**Western Blotting**

**Image 3.** LEF1 monoclonal antibody (M01), clone 3H5. Western Blot analysis of LEF1 expression in HL-60 .

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN565556.