

## Datasheet

### LEF1 monoclonal antibody (M03), clone 5A3

**Catalog Number:** H00051176-M03

**Regulation Status:** For research use only (RUO)

**Product Description:** Mouse monoclonal antibody  
raised against a partial recombinant LEF1.

**Clone Name:** 5A3

**Immunogen:** LEF1 (NP\_057353, 14 a.a. ~ 123 a.a)  
partial recombinant protein with GST tag. MW of the  
GST tag alone is 26 KDa.

**Sequence:**

DPELCATDEMIPFKDEGDPQKEKIFAEISHPEEEGDLA  
DIKSSLVNESEIIPASNGHEVARQAQTSQEPYHDKARE  
HPDDGKHPDGGGLYNKGPSYSSYSGYIMPMNMND

**Host:** Mouse

**Reactivity:** Human

**Applications:** ELISA, IF, S-ELISA, WB-Ce, WB-Re  
(See our web site product page for detailed applications  
information)

**Protocols:** See our web site at  
<http://www.abnova.com/support/protocols.asp> or product  
page for detailed protocols

**Isotype:** IgG1 Kappa

**Storage Buffer:** In 1x PBS, pH 7.4

**Storage Instruction:** Store at -20°C or lower. Aliquot to  
avoid repeated freezing and thawing.

**Entrez GeneID:** 51176

**Gene Symbol:** LEF1

**Gene Alias:** DKFZp586H0919, TCF1ALPHA

**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]