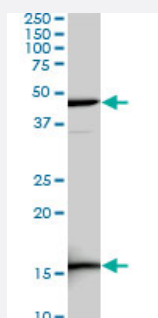


LEF1 monoclonal antibody (M03), clone 5A3

Catalog # H00051176-M03

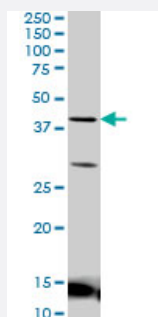
Size 100 ug

Applications



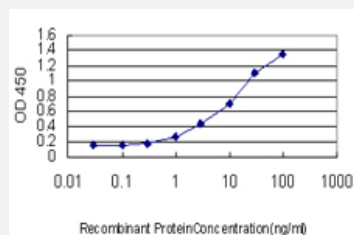
Western Blot (Cell lysate)

LEF1 monoclonal antibody (M03), clone 5A3. Western Blot analysis of LEF1 expression in HepG2 (Cat # L019V1).



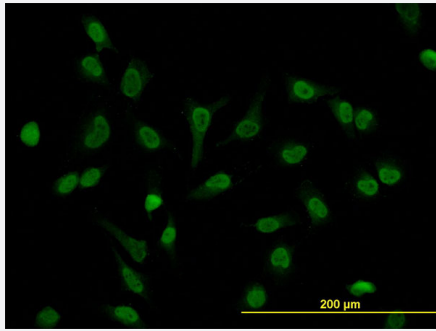
Western Blot (Cell lysate)

LEF1 monoclonal antibody (M03), clone 5A3 Western Blot analysis of LEF1 expression in Jurkat (Cat # L017V1).



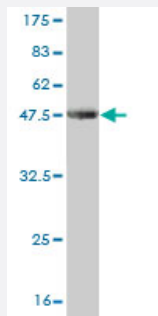
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged LEF1 is approximately 0.3ng/ml as a capture antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to LEF1 on HeLa cell. [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (37.84 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant LEF1.
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	DPELCATDEMIPFKDEGDPQKEKIFAEISHPEEEGDLADIKSSLVNESEIIPASNGHEVARQAQTS QEPYHDKAREHPDDGKHPDGGLYNKGPSYSSYSGYIMMPNMNND
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (97); Rat (96)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.84 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

LEF1 monoclonal antibody (M03), clone 5A3. Western Blot analysis of LEF1 expression in HepG2 (Cat # L019V1).

[Protocol Download](#)

- Western Blot (Cell lysate)

LEF1 monoclonal antibody (M03), clone 5A3 Western Blot analysis of LEF1 expression in Jurkat (Cat # L017V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged LEF1 is approximately 0.3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to LEF1 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — LEF1

Entrez GeneID	51176
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GeneBank Accession#	NM_016269
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Protein Accession#	NP_057353
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Gene Name	LEF1
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Gene Alias	DKFZp586H0919, TCF1ALPHA
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Gene Description	lymphoid enhancer-binding factor 1
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Omim ID	153245
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Gene Ontology	Hyperlink
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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]

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](#)