

Mouse Monoclonal Antibody to

LEF (Lymphoid Enhancer Binding Factor)

clone 2D12

Order No.: 0050-100/LEF-2D12
Size (µg) 100
Lot No.: 0050S



www.nanotools.de

orders & support:

email: info@nanotools.de
 phone: +49-7641-455 670
 fax: +49-7641-455 671

03/300307F

Isotype	Species Reactivity	Applications	Mol. Weight	Ref.Cell Line	Epitope	Immunogen
IgG1	human	WB, ELISA	55 - 57 kDa		aa 1-85	recombinant LEF aa 1 - 85

Background and Specificity:

LEF is a transcription factor of the LEF/TCF protein family. LEF interacts with cytoplasmic beta-catenin and regulates the expression of genes containing a LEF/TCF binding site. The formation of LEF - beta-catenin heterodimers is an important step in the wnt/wg signal transduction pathway.

Mab LEF-2D12 specifically recognizes LEF at 55-57 kDa in Western blot. It does not crossreact with TCF3 and TCF4.

Related Products

- mab to b-catenin (N-Term/Exon2)**
#0003-100/b-CAT-7D11
 - mab to b-catenin (Exon3)**
#0004-100/b-CAT-9G2
 - mab to b-catenin (Core)**
#0005-100/b-CAT-9G10
 - mab to b-catenin (C-Term/Exon14)**
#0002-100/b-CAT-7D8
 - mab to b-catenin (C-Term)**
#0006-100/b-CAT-10H8
 - mab to dephospho-b-catenin (aa35-50),**
#0051-100/b-CAT-7A7
 - mab to dephospho-b-catenin (aa27-37),**
#0052-100/b-CAT-8E4
 - mab to phospho-b-catenin (pY86)**
#0123-100/b-CAT-24E1
 - mab to phospho-b-catenin (pY654)**
#0159-100/b-CAT-1B11
- For monoclonal antibodies against alpha-catenin, TFF3, E-, M- and N-Cadherin, please refer to our website at www.nanotools.de

Purification: The antibody was purified from serum-free cell culture supernatant by subsequent thiophilic adsorption and size exclusion chromatography.

Formulation: liquid; 0.1mg/ml in in PBS/0.09% Na-Azide/PEG and Sucrose/50% Glycerol

Reconstitution:

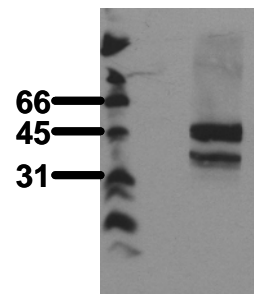
Stability: Aliquote and store at -20°C up to 1 year. Avoid repeated freeze / thaw cycles.

Positive Control: none

Immunoblotting: 0.5 µg/ml for HRPO/ECL detection
Recommended blocking buffer: Casein/Tween 20 based blocking and blot incubation buffer, e.g. nanoTools product #3031-500/CPPT or #3031-3000/CPPT.

Immunoprecipitation: ND
Immunocytochemistry: ND

ELISA: use at 0.1 µg/ml



Detection of endogenous LEF

Whole cell lysates of serum starved Jurkat were applied to SDS-PAGE and transferred to PVDF membranes. Immunoblots were probed with mab 2D12 (0.5 µg/ml) for 1h at RT and developed by ECL (exp. time: 30 sec).

All products are supplied for research and investigational use only. Not for use in humans or laboratory animals.