

## Mouse Monoclonal Antibody to LEF1

<b>Catalogue Number</b>	sAP-1269
<b>Target Molecule</b>	<b>Name:</b> LEF1 <b>Aliases:</b> LEF-1; TCF10; TCF7L3; TCF1ALPHA <b>MW:</b> 44.2kDa <b>Entrez Gene ID:</b> 51176
<b>Description</b>	This gene encodes a transcription factor belonging to a family of proteins that share homology with the high mobility group protein-1. The protein encoded by this gene can bind to a functionally important site in the T-cell receptor-alpha enhancer, thereby conferring maximal enhancer activity. This transcription factor is involved in the Wnt signaling pathway, and it may function in hair cell differentiation and follicle morphogenesis. Mutations in this gene have been found in somatic sebaceous tumors. This gene has also been linked to other cancers, including androgen-independent prostate cancer. Alternative splicing results in multiple transcript variants.;
<b>Immunogen</b>	Purified recombinant fragment of human LEF1 (AA: 33-138) expressed in E. Coli.
<b>Reactive Species</b>	Human;
<b>Clone</b>	MM1A4B11;
<b>Size and Concentration</b>	100µg/1mg/ml
<b>Supplied as</b>	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
<b>Reconstitution/Storages</b>	Reconstituted with 100µl sterile DI H2O, at stored at 4°C or -20°C for short or long term storage
<b>Applications</b>	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000; ICC: ; FCM:
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	1.Cancer Invest. 2014 Aug;32(7):368-74. ; 2.BMC Gastroenterol. 2012 May 28;12:53.;

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**