Recombinant LEF1 / TCF1 alpha (Transcription Factor) Antibody

Rabbit Monoclonal Antibody [Clone LEF1/341R]

Catalog No	Format	Size
51176-RBM1-P0	Purified Ab with BSA and Azide	200ug/ml
51176-RBM1-P1	Purified Ab with BSA and Azide	200ug/ml
51176-RBM1-P1ABX	Purified Ab WITHOUT BSA and Azide	1.0mg/ml

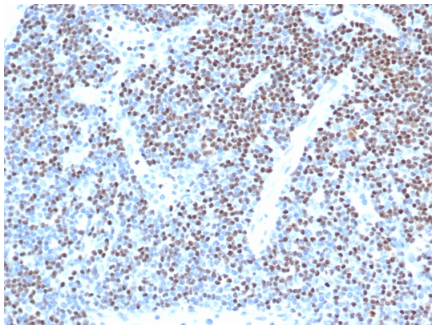
Applications	Tested Dillution
Immunohistochemistry (IHC)	1-2ug/ml

Product Details

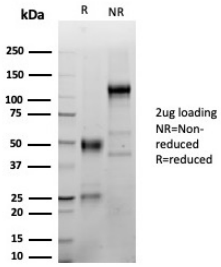
Clone	LEF1/341R
Gene Name	LEF1
Immunogen	Recombinant fragment (around aa100-200) of human LEF1 protein (exact sequence is proprietary)
Host	Rabbit
Clonality	Monoclonal
Isotype / Light Chain	IgG / Kappa
Mol. Weight of Antigen	44kDa
Cellular Localization	Nucleus
Species Reactivity	Human
Positive Control	Human tonsil and thymus.

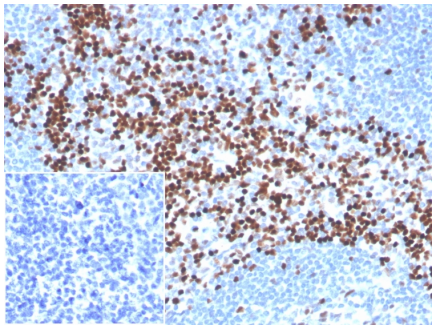
**Optimal dilution for a specific application should be determined.*

Product Images for Recombinant LEF1 / TCF1 alpha (Transcription Factor) Antibody



IHC analysis of formalin-fixed, paraffin-embedded human lymph node. Strong nuclear staining of non-germinal center cells using LEF1/341R at 2ug/ml in PBS for 30min RT. HIER: Tris/EDTA, pH9.0, 45min. 2 °: HRP-polymer, 30min. DAB, 5min.





IHC analysis of formalin-fixed, paraffin-embedded human tonsil. Strong nuclear staining of non-germinal center cells using LEF1/341R at 2ug/ml in PBS for 30min RT. HIER: Tris/EDTA, pH9.0, 45min. 2 °: HRP-polymer, 30min. DAB, 5min.Inset: PBS instead of primary. Secondary antibody negative control.

Specificity & Comments

Lymphoid Enhancing Factor 1 (LEF1) is a transcription factor that belongs to the TCF/LEF family. LEF1 participates as a regulator in Wnt signaling pathways. LEF1 is an important factor in lymphopoiesis and is expressed normally in T and pro-B cells but not expressed in mature B cells. Anti-LEF1 may be used as an aid for differentiation of chronic lymphocytic leukemia/small lymphocytic lymphoma from other small B cell lymphomas.

Research Areas

BBB VCAM-1 Signaling, Breast Cancer, Cardiovascular, Colon Cancer, Developmental Biology, Endothelial Cell Marker, Nuclear Marker, Signal Transduction, Transcription Factors

Known Applications & Suggested Dilutions

Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 minutes at RT),(Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95 &degC followed by cooling at RT for 20 minutes),Optimal dilution for a specific application should be determined.

Supplied As

200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide store at 2 to 8 °C. Antibody without azide store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.

There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.