

Anti-LEF1 antibody (Internal) (STJ70898) STJ70898

GENERAL INFORMATION

Product Type	Primary antibodies
Short	Goat polyclonal antibody anti-LEF1 (Internal) is suitable for use in ELISA, Western Blot, Immunofluorescence and Flow Cytometry
Description	research applications.
Applications	Pep-ELISA/WB/IF/FC
Host/Source	Goat
Reactivity	Human/Mouse/Rat/Dog/Cow

PRODUCT PROPERTIES

Clonality Clone ID	Polyclonal
Concentration	0.5 mg/mL
Conjugation	Unconjugated
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Dilution Range	Peptide ELISA: antibody detection limit dilution 1:32000.
	WB: Approx 5055kDa band observed in nuclear lysates of cell line K562 (calculated MW of 44.2kDa according to NP_057353.1)
	/This molecular weight is routinely observed by other sources an
Formulation	0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. NA
Isotype	IgG
Storage	Store at-20°C on receipt and minimise freeze-thaw cycles.
Instruction	

TARGET INFORMATION

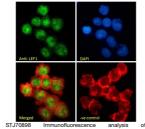
Gene ID 51176 Gene Symbol LEF1 Uniprot ID LEF1_HUMAN Immunogen Immunogen Internal Region Specificity Immunogen QHEQRKEQEPKRPH Sequence

250kDa 150kDa 100kDa 75kDa	A	в
50kDa	-	
37kDa		
25kDa		

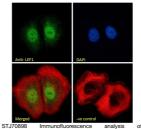
STJ70898 (2µg/ml) staining of K562 nuclear cell lysate (A) + peptide (B). (35µg protein in RIPA buffer) Detected by chemiluminescence.

20kDa

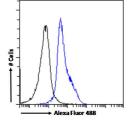
15kDa



B Immunofluorescence analysis of alidehytic fluod Lurist cells, permeabilized with Tirtion. Primary incubation 1hr (10ug/m) by Alexa Fluor 488 secondary antibody showing nuclear staining. Actin filaments were with phalloidin (red) and the nuclear stain is ue). Negative control: Unimmunized goat [g0 jotlowed by Alexa Fluor 486 secondary aform 15% 2ug/m stained DA (10



Mergel Vecontrol 517/0698 Immunofiluorescence analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0. 15% Triton. Primary inclubation 1thr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing nuclear stataining. Actin filaments were stained with phaliodin (red) and the nuclear stain is DAPI (blue), Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2u/ml).



; Flow cytometric Idehyde fixed Jurkat cells ized with 0. 5% Triton. Prim /ml) followed by Alexa Fluor (Jug/ml). IgG control: Unimmu STJ70898 paraf perm 1hr (i (bl nary 488

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes. St John's Laboratory Ltd, Knowledge Dock Business Centre, University Way, London, E16 2RD | Tel: 0208 223 3081