

Anti-ITK antibody (C-Term) (STJ70043) STJ70043

GENERAL INFORMATION

Product Type Primary antibodies Description Host/Source Goat Reactivity Human/Mouse

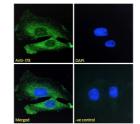
Short Goat polyclonal antibody anti-ITK (C-Term) is suitable for use in ELISA, Western Blot and Immunofluorescence research applications. Applications Pep-ELISA/WB/IF

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	Peptide ELISA: antibody detection limit dilution 1:2000.
Range	WB: Approx 75kDa band observed in nuclear ysates of cell line Jurkat (calculated MW of 71.8kDa according to NP_005537.3). Recommended concentration: 1-3g/ml. Primary incubation 1 hour at ro
Formulation	0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. NA
Isotype	IgG
Storage Instruction	Store at-20°C on receipt and minimise freeze-thaw cycles.

TARGET INFORMATION

Gene ID 3702 Gene Symbol ITK Uniprot ID ITK_HUMAN Immunogen Immunogen C-Term Region Specificity Immunogen RLLRQLAEIAESGL Sequence

F 250kDa 150kDa 100kDa 50kD 37kDa 25kDa 20kDa



STJ70043 (1ug/ml) staining of Jurkat nuclear cell ly (A) and negative control Human parathyroid gland (35ŵg protein in RIPA buffer). Detected chemiluminescence. (B

15kDa

1hr mary Fluor incu 488 ary wing

1270043 Immunofluorescence analysis raformaldehyde fixed Jurkat cells, permeabilize 15% Triton. Primary incubation 1hr (10 owed by Alexa Fluor 488 secondary an q/ml), showing strong cytoplasmic and Jear staining. The nuclear stain is DAPI gative control: Unimmunized goat IgG (10 0. 15% followed (2ug/ml) nuclear Negative (10) and ig/ml) ibody weak olue)

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