

Anti-AIRE antibody (C-Term) (STJ70203)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	Pep-ELISA/WB/IHC/IF/FC
Host / Source	Goat
Reactivity	Human

PRODUCT PROPERTIES

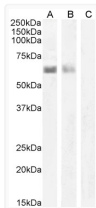
Clonality	Polyclonal
Concentration	0.5 mg/mL
Conjugation	Unconjugated
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Dilution Range	Peptide ELISA: antibody detection limit dilution 1:128000. WB: Preliminary testing showed an approx 60kDa band in nuclear lysates of cell line Jurkat and in Human Spleen lysates (calculated MW of 57.7kDa according to NP_000374.1). Recommended con
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

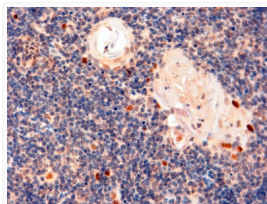
Gene ID	326
Gene Symbol	AIRE
UniProt ID	AIRE_HUMAN
Immunogen Region	C-Term
Immunogen Sequence	QSMARPAAPFPS

ADDITIONAL INFORMATION

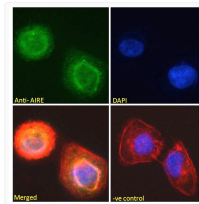
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



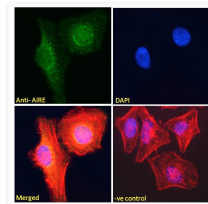
STJ70203 (1µg/ml) staining of nuclear Jurkat cell (A) , (2µg/ml) Human Spleen (B) and negative control Human Smooth Muscle (C) lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



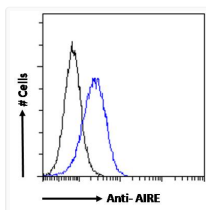
STJ70203 (2µg/ml) staining of paraformaldehyde fixed Human Thymus. Steamed antigen retrieval with Tris/EDTA buffer pH 9, HRP-staining.



STJ70203 Immunofluorescence analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0. 15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml) , showing nucleoplasm and nuclear membrane staining. Actin filaments were stained with phalloidin (red) and the nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



STJ70203 Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0. 15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml) , showing nucleoplasm and nuclear membrane staining. Actin filaments were stained with phalloidin (red) and the nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



STJ70203 Flow cytometric analysis of paraformaldehyde fixed Jurkat cells (blue line) , permeabilized with 0. 5% Triton. Primary incubation overnight (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody.