

Anti-IL1R2 antibody (Internal) (STJ72269)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

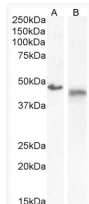
Clonality	Polyclonal
Concentration	0.5 mg/mL
Conjugation	Unconjugated
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Dilution Range	Peptide ELISA: antibody detection limit dilution 1:16000. WB: Approx 45kDa band observed in lysates of cell lines LNCaP and MOLT-4 (calculated MW o 45.4kDa according to NP_004624.1). Recommended concentration:0.3-1µg/ml. Primary incubation 1 hour
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

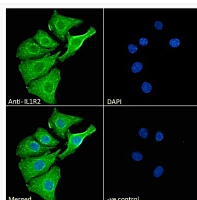
Gene ID	7850
Gene Symbol	IL1R2
UniProt ID	IL1R2_HUMAN
Immunogen Region	Internal
Immunogen Sequence	QYNITRSIELRIKK
Specificity	This antibody is expected to cross-react with both reported isoforms (NP_004624.1; NP_001248348.1). Reported variants represent identical protein: NP_775465.1, NP_004624.1

ADDITIONAL INFORMATION

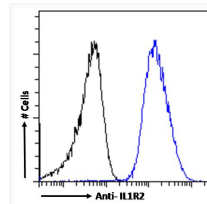
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



STJ72269 (0.5 µg/ml) staining of LNCaP (A) and (1 µg/ml) MOLT-4 (B) cell-lysate (35 µg protein in RIPA buffer). Detected by chemiluminescence.



STJ72269 Immunofluorescence analysis of paraformaldehyde fixed A549 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10 µg/ml) followed by Alexa Fluor 488 secondary antibody (2 µg/ml), showing membrane and cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10 µg/ml) followed by Alexa Fluor 488 secondary antibody (2 µg/ml).



STJ72269 Flow cytometric analysis of paraformaldehyde fixed A549 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10 µg/ml) followed by Alexa Fluor 488 secondary antibody (1 µg/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.