Anti-LYP/PTPN22 antibody (Internal) (STJ73586)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

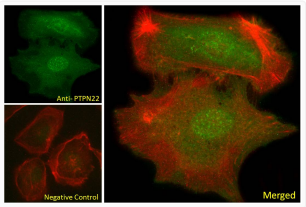
Clonality	Polyclonal
Concentration	0.5 mg/mL
Conjugation	Unconjugated
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Dilution Range	Peptide ELISA: antibody detection limit dilution 1:32000. WB: Preliminary experiments showed a 100kDa band in some Daudi cell lysates at 0.5-1ug/ml. This molecular weight is routinely observed by other sources. An additional band at 75kDa was als
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

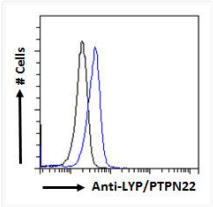
Gene ID	26191
Gene Symbol	PTPN22
UniProt ID	PTN22_HUMAN
Immunogen Region	Internal
Immunogen Sequence	CPPNKPAESVQSNNS
Specificity	This antibody is specific for human LYP1 and will not cross-react with LYP2.

ADDITIONAL INFORMATION

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



STJ73586 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 nuclear staining. Actin filaments were stained with phalloidin (red). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



STJ73586 Flow cytometric analysis of paraformaldehyde fixed Jurkat cells (blue line) , permeabilized with 0. 5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.