

## Anti-KIT/CD117 antibody (Internal) (STJ73013) STJ73013

## **GENERAL INFORMATION**

 Product Type
 Primary antibodies

 Short Description
 Goat polyclonal antibody anti-KIT/CD117 (Internal) is suitable for use in ELISA and Western Blot research applications.

 Applications
 Pep-ELISA, WB

 Host/Source
 Goat

 Reactivity
 Human, Dog, Pig, Cow

## **PRODUCT PROPERTIES**

 Clonality Clone ID
 Polyclonal

 Concentration 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
 IHC-10µg/ml IF-Strong expression of the protein seen in the cytoplasm/membranes of HEK293 and HeLa cells. 10µg/ml ELSA-antibody detection limit dilution 1:128000.

 Formulation Isotype
 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. NA IgG

 Storage Instruction
 Store at-20 on receipt and minimise freeze-thaw cycles.

## **TARGET INFORMATION**

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Gene ID 3815 Gene Symbol KIT Uniprot ID KIT\_HUMAN Immunogen Immunogen Region Internal Specificity This antibody Immunogen KRDSFICSKO Sequence

 gen Region
 Internal

 Specificity
 This antibody is expected to recognize both reported isoforms (NP\_000213.1; NP\_001087241.1).

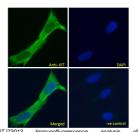
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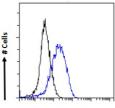
A	
250kDa 150kDa	
100kDa	
75kDa	
50kDa	
37kDa	
25kDa	
20kDa	
15kDa	

STJ73013 (1µg/ml) staining of Human Hippocampus lysate (A) + peptide (B) (35µg protein in RIPA buffer). Detected by chemiluminescence. Mered Level Mered Level Jacobi Jaco

JTJ3013 Immunofluorescence analysis of araformaldehyde fixed HEK283 cells, permeabilized ritho. 15% irfton. Primary incubation 1fr (Doug/mi) plotwed by Alexa Fluor 488 secondary antibody ug/mi), showing cybolasmic/membrane staining. The uclear stain is DAP (blue). Negative control immafalace gdam cithin Dug/m/mollowed by Alexa himmafalace gdam cithin Dug/m/mollowed by Alexa



STJ73013 Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0. 15% Triton. Primary includation thr (10ug/m) followed by Alexa Fluor 488 secondary antibody (2ug/m), showing cytoplasmi/membrane statining. The nuclear station of the station of the station of the Negative control and the station of the station of the Burr 488 secondary artificative for your for



Anti- KIT / CD117

STJ73013 Flow cytometric analysis of paraformaldehyde fixed MCF7 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

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