

## Anti-p47phox-Mouse antibody (Internal) (STJ72451)

STJ72451

### GENERAL INFORMATION

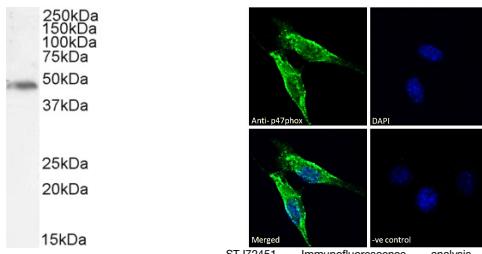
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Goat polyclonal antibody anti-p47phox-Mouse (Internal) is suitable for use in ELISA, Western Blot and Immunofluorescence research applications.
<b>Applications</b>	Pep-ELISA/WB/IF
<b>Host/Source</b>	Goat
<b>Reactivity</b>	Human/Mouse/Rat/Dog/Pig/Cow

### PRODUCT PROPERTIES

<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	0.5 mg/mL
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Dilution Range</b>	Peptide ELISA: antibody detection limit dilution 1:2000. WB: Approx 48kDa band observed in lysates of cell line Daudi and in preliminary testing of Mouse Spleen lysate (calculated MW of 44.7kDa according to Human NP_000256.4. This molecular weight is 4.7kDa less than the calculated MW of the protein).
<b>Formulation</b>	0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. NA
<b>Isotype</b>	IgG
<b>Storage</b>	Store at -20°C on receipt and minimise freeze-thaw cycles.
<b>Instruction</b>	

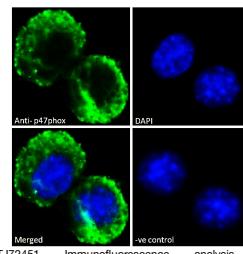
### TARGET INFORMATION

<b>Gene ID</b>	653361
<b>Gene Symbol</b>	NCF1
<b>Uniprot ID</b>	NCF1_HUMAN
<b>Immunogen</b>	
<b>Immunogen Region</b>	Internal
<b>Specificity</b>	
<b>Immunogen Sequence</b>	DEAEDDPDNYAGEP



STJ72451 (1 $\mu$ g/ml) staining of Daudi cell lysates (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence.

STJ72451 Immunofluorescence analysis of paraformaldehyde fixed NIH3T3 cells, permeabilized with 0.1% Triton X-100. Primary antibody: (10 $\mu$ g/ml) followed by Alexa Fluor 488 secondary antibody (2 $\mu$ g/ml), showing cytoplasmic and plasma membrane staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10 $\mu$ g/ml) followed by Alexa Fluor 488 secondary antibody (2 $\mu$ g/ml).



STJ72451 Immunofluorescence analysis of paraformaldehyde fixed RAW264.7 cells, permeabilized with 0.1% Triton X-100. Primary antibody: (10 $\mu$ g/ml) followed by Alexa Fluor 488 secondary antibody (2 $\mu$ g/ml), showing cytoplasmic and plasma membrane staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10 $\mu$ g/ml) followed by Alexa Fluor 488 secondary antibody (2 $\mu$ g/ml).