

**Anti-CD4 antibody (26-200) (STJ114878)**  
STJ114878

**GENERAL INFORMATION**

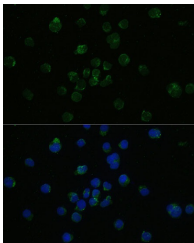
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	
<b>Applications</b>	WB/IF/ICC/ELISA
<b>Host/Source</b>	Rabbit
<b>Reactivity</b>	Human/Mouse/Rat

**PRODUCT PROPERTIES**

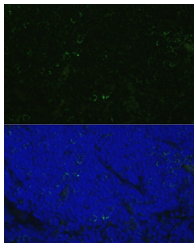
<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	Lot specific
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Affinity purification
<b>Dilution Range</b>	WB: 1:500-1:2000 IF/ICC: 1:50-1:200 ELISA: Recommended starting concentration is 1 $\mu$ g/mL. Please optimize the concentration based on your specific assay requirements.
<b>Formulation</b>	PBS with 0.09% Sodium Azide, 50% Glycerol, pH 7.3.
<b>Isotype</b>	IgG
<b>Storage Instruction</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

**TARGET INFORMATION**

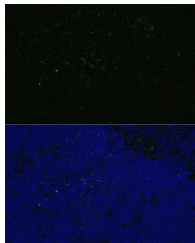
<b>Gene ID</b>	920
<b>Gene Symbol</b>	CD4
<b>Uniprot ID</b>	CD4_HUMAN
<b>Immunogen</b>	
<b>Immunogen Region</b>	26-200
<b>Specificity</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 26-200 of human CD4 (NP_000607.1).
<b>Immunogen Sequence</b>	KKVVLGKKGDTVELTCTASQ KKSIGFHWKNSNQIKILGNQ GSFLTGPSKLNDRADSRRS LWDQGNFPLIKNLKIEDSD TYICEVEDQKEEVQLLVFGL TANS DTHLLQGSLTLTLES PPGSSPSVQC RSPRGKNIQG GKTL SVSQLELQDSGTWTCT VLQNQKKVEFKIDIV



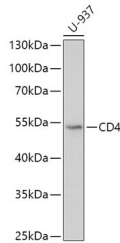
Immunofluorescence analysis of Jurkat cells using CD4 Rabbit polyclonal antibody (STJ114878) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of Rat thymus cells using CD4 Rabbit polyclonal antibody (STJ114878) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of Mouse thymus using CD4 Rabbit polyclonal antibody (STJ114878) at dilution of 1:100. Blue: DAPI for nuclear staining.



Western blot analysis of lysates from U-937 cells, using CD4 Rabbit polyclonal antibody (STJ114878) at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJ5000856) at 1:10000 dilution. Lysates/proteins: 25  $\mu$ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.

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.  
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