

## Anti-TLR4 antibody (27-228) (STJ110884)

STJ110884

### GENERAL INFORMATION

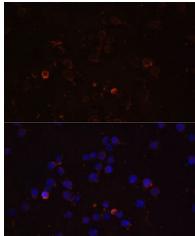
**Product Type** Primary antibodies  
**Short Description**  
**Applications** WB/IF/ICC/ELISA  
**Host/Source** Rabbit  
**Reactivity** Human/Mouse

### PRODUCT PROPERTIES

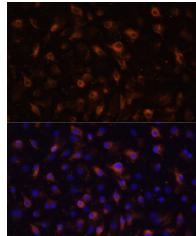
**Clonality** Polyclonal  
**Clone ID**  
**Concentration** Lot specific  
**Conjugation** Unconjugated  
**Purification** Affinity purification  
**Dilution** WB:1:500-1:1000  
**Range** IF/ICC:1:50-1:200  
**ELISA:** Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.  
**Formulation** PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.  
**Isotype** IgG  
**Storage** Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.  
**Instruction**

### TARGET INFORMATION

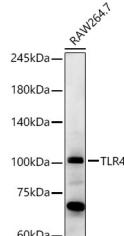
**Gene ID** 7099  
**Gene Symbol** TLR4  
**Uniprot ID** TLR4\_HUMAN  
**Immunogen**  
**Immunogen** 27-228  
**Region**  
**Specificity** Recombinant fusion protein containing a sequence corresponding to amino acids 27-228 of human TLR4 (NP\_612564.1).  
**Immunogen** EPCVEVPNITYQCMELNFY KIPDNLPSTKNLDSFNPL RHLGSYSFSSPELOVLDSL RCEIQTIEDGAYOSLHLSLT  
**Sequence** LILTGNPIQSLALGAFSGLS SLQKLVAVETNLASLENFPI GHLKTLKELNVAHNLIQSFK LPEYFSNLTNLEHLDLSSNK  
IQSIYCTDLRVLHQMPLLNL SLDLSLNPMNFQPGAFKEI RL



Immunofluorescence analysis of THP-1 cells using TLR4 antibody (27-228) (STJ110884) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of RAW264.7 cells using TLR4 antibody (27-228) (STJ110884) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Western blot analysis of various lysates, using TLR4 antibody (27-228) (STJ110884) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJ000856) at 1:10000 dilution. Lanes/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBS. Detection: ECL Basic Kit. Exposure time: 180s.

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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