

## Anti-TLR5 antibody (714-858) (STJ119345)

### GENERAL INFORMATION

|               |                    |
|---------------|--------------------|
| Product Type  | Primary antibodies |
| Applications  | WB/IHC-P/ELISA     |
| Host / Source | Rabbit             |
| Reactivity    | Human              |

### PRODUCT PROPERTIES

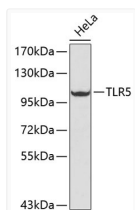
|                     |                                                                                                                                                                          |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Clonality           | Polyclonal                                                                                                                                                               |
| Concentration       | Lot specific                                                                                                                                                             |
| Conjugation         | Unconjugated                                                                                                                                                             |
| Purification        | Affinity purification                                                                                                                                                    |
| Dilution Range      | WB:1:500-1:2000<br>IHC-P:1:50-1:200<br>ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. |
| Formulation         | PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.                                                                                                                       |
| Isotype             | IgG                                                                                                                                                                      |
| Molecular Weight    | Protein Mw: 98kDa<br>Observed Mw: 100kDa                                                                                                                                 |
| Storage Instruction | Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.                                                                           |

### TARGET INFORMATION

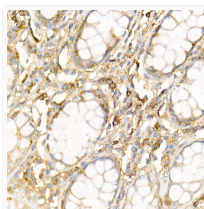
|                    |                                                                                                                                                                |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene ID            | <a href="#">7100</a>                                                                                                                                           |
| Gene Symbol        | <a href="#">TLR5</a>                                                                                                                                           |
| UniProt ID         | <a href="#">TLR5_HUMAN</a>                                                                                                                                     |
| Immunogen Region   | 714-858                                                                                                                                                        |
| Immunogen Sequence | HLDTQYSDQNRFNLCFEERD FVPGENRIANIQDAIWNSRK IVCLVSRHFLRDGWCLEAFS<br>YAQGRCLSDLNSALIMVVVG SLSQYQLMKHQSIQGFVQKQ QYLRWPEDLQDVGVWFLHKLS<br>QQILKKEKEKKDNNIPLQT VATIS |
| Specificity        | Recombinant fusion protein containing a sequence corresponding to amino acids 714-858 of human TLR5 (NP_003259.2).                                             |

### ADDITIONAL INFORMATION

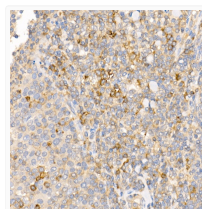
**Note** STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Western blot analysis of extracts of HeLa cells, using TLR5 antibody (STJ119345). Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% non-fat dry milk in TBST.



Immunohistochemistry analysis of paraffin-embedded human colon carcinoma using TLR5 rabbit polyclonal antibody (STJ119345) at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded human tonsil using TLR5 rabbit polyclonal antibody (STJ119345) at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.