

Datasheet for ABIN7127846

**Recombinant anti-TLR5 antibody**[Go to Product page](#)**1** Image

## Overview

|                |                                     |
|----------------|-------------------------------------|
| Quantity:      | 100 µL                              |
| Target:        | TLR5                                |
| Reactivity:    | Human                               |
| Host:          | Rabbit                              |
| Antibody Type: | Recombinant Antibody                |
| Clonality:     | Monoclonal                          |
| Conjugate:     | This TLR5 antibody is un-conjugated |
| Application:   | Western Blotting (WB), ELISA        |

## Product Details

|                   |                                               |
|-------------------|-----------------------------------------------|
| Immunogen:        | A synthesized peptide derived from human TLR5 |
| Clone:            | 10D8                                          |
| Isotype:          | IgG                                           |
| Cross-Reactivity: | Human                                         |
| Purification:     | Affinity-chromatography                       |

## Target Details

|                   |                                                                                      |
|-------------------|--------------------------------------------------------------------------------------|
| Target:           | TLR5                                                                                 |
| Alternative Name: | TLR5 ( <a href="#">TLR5 Products</a> )                                               |
| Background:       | Background: Participates in the innate immune response to microbial agents. Mediates |

Target Details

|           |                                                                                                                                                                                                                                                |
|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|           | detection of bacterial flagellins. Acts via MYD88 and TRAF6, leading to NF-kappa-B activation, cytokine secretion and the inflammatory response.<br><br>Aliases: Toll-like receptor 5 (Toll/interleukin-1 receptor-like protein 3), TLR5, TIL3 |
| UniProt:  | <a href="#">O60602</a>                                                                                                                                                                                                                         |
| Pathways: | <a href="#">TLR Signaling</a> , <a href="#">Activation of Innate immune Response</a> , <a href="#">Cellular Response to Molecule of Bacterial Origin</a> , <a href="#">Toll-Like Receptors Cascades</a>                                        |

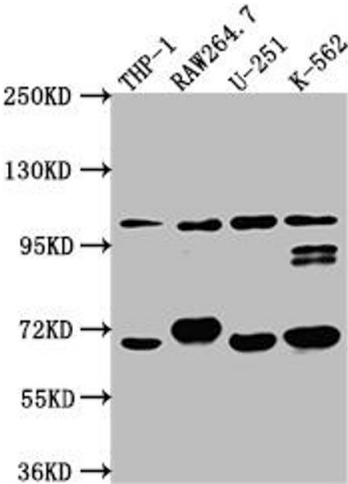
Application Details

|                    |                                        |
|--------------------|----------------------------------------|
| Application Notes: | Recommended dilution: WB:1:500-1:5000, |
| Restrictions:      | For Research Use only                  |

Handling

|                    |                                                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                 |
| Buffer:            | Rabbit IgG in phosphate buffered saline, pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.                   |
| Preservative:      | Sodium azide                                                                                                           |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage:           | -20 °C,-80 °C                                                                                                          |
| Storage Comment:   | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.                                                          |

Images



Western Blotting

**Image 1.** Western Blot Positive WB detected in: THP-1 whole cell lysate, RAW264.7 whole cell lysate, U-251 whole cell lysate, K562 whole cell lysate All lanes: TLR5 antibody at 1:1000 Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 98 kDa Observed band size: 98 kDa