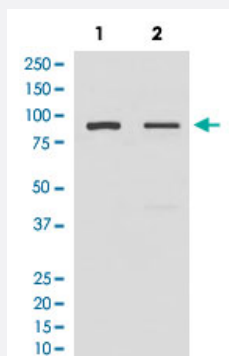


# TLR2 monoclonal antibody, clone ADH-20

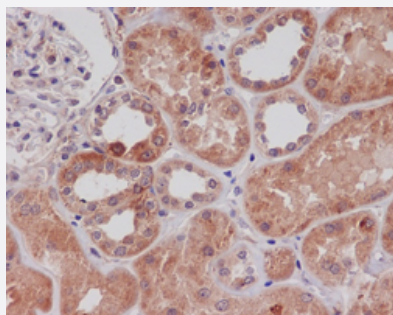
Catalog # MAB20789      Size 100 uL

## Applications



### Western Blot (Cell lysate)

Western Blot analysis of Lane 1: A549 and Lane 2: HeLa cell lysates with TLR2 monoclonal antibody, clone ADH-20 (Cat # MAB20789).



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human kidney with TLR2 monoclonal antibody, clone ADH-20 (Cat # MAB20789).

## Specification

|                             |                                                                            |
|-----------------------------|----------------------------------------------------------------------------|
| <b>Product Description</b>  | Rabbit monoclonal antibody raised against synthetic peptide of human TLR2. |
| <b>Immunogen</b>            | A synthetic peptide corresponding to human TLR2.                           |
| <b>Host</b>                 | Rabbit                                                                     |
| <b>Theoretical MW (kDa)</b> | 89.838                                                                     |
| <b>Reactivity</b>           | Human                                                                      |
| <b>Form</b>                 | Liquid                                                                     |

|                     |                                                                                                                                                                                       |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purification        | Affinity purification                                                                                                                                                                 |
| Isotype             | IgG                                                                                                                                                                                   |
| Recommend Usage     | Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)<br>Western Blot (1:1000-1:2000)<br>The optimal working dilution should be determined by the end user.            |
| Storage Buffer      | In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).                                                                                                                       |
| Storage Instruction | Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing. |
| Note                | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.                                                                |

## Applications

- Western Blot (Cell lysate)

Western Blot analysis of Lane 1: A549 and Lane 2: HeLa cell lysates with TLR2 monoclonal antibody, clone ADH-20 (Cat # MAB20789).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human kidney with TLR2 monoclonal antibody, clone ADH-20 (Cat # MAB20789).

## Gene Info — TLR2

|                    |                                                                      |
|--------------------|----------------------------------------------------------------------|
| Entrez GeneID      | <a href="#">7097</a>                                                 |
| Protein Accession# | <a href="#">O60603</a>                                               |
| Gene Name          | TLR2                                                                 |
| Gene Alias         | CD282, TIL4                                                          |
| Gene Description   | toll-like receptor 2                                                 |
| Omim ID            | <a href="#">114500</a> <a href="#">246300</a> <a href="#">603028</a> |
| Gene Ontology      | <a href="#">Hyperlink</a>                                            |

**Gene Summary**

The protein encoded by this gene is a member of the Toll-like receptor (TLR) family which plays a fundamental role in pathogen recognition and activation of innate immunity. TLRs are highly conserved from Drosophila to humans and share structural and functional similarities. They recognize pathogen-associated molecular patterns (PAMPs) that are expressed on infectious agents, and mediate the production of cytokines necessary for the development of effective immunity. The various TLRs exhibit different patterns of expression. This gene is expressed most abundantly in peripheral blood leukocytes, and mediates host response to Gram-positive bacteria and yeast via stimulation of NF-kappaB. [provided by RefSeq]

**Other Designations**

toll/interleukin 1 receptor-like 4

**Pathway**

- [Toll-like receptor signaling pathway](#)

**Disease**

- [Acute Disease](#)
- [Aggressive Periodontitis](#)
- [Amyloidosis](#)
- [Arthritis](#)
- [Aspergillosis](#)
- [Asthma](#)
- [Atherosclerosis](#)
- [Bacteremia](#)
- [Bacterial Infections](#)
- [Bacteriuria](#)
- [Behcet Syndrome](#)
- [Birth Weight](#)
- [Breast Neoplasms](#)
- [Bronchial Hyperreactivity](#)
- [Bronchiectasis](#)

- [Bronchiolitis](#)
- [Bronchiolitis Obliterans](#)
- [Calcinosis](#)
- [Candidiasis](#)
- [Cardiovascular Diseases](#)
- [Carotid Artery Diseases](#)
- [Chagas Cardiomyopathy](#)
- [Chlamydia Infections](#)
- [Chorioamnionitis](#)
- [Chronic Disease](#)
- [Chronic Periodontitis](#)
- [Colitis](#)
- [Colorectal Neoplasms](#)
- [Communicable Diseases](#)
- [Connective Tissue Diseases](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Coronary Restenosis](#)
- [Critical Illness](#)
- [Crohn Disease](#)
- [Cystitis](#)
- [Cytomegalovirus Infections](#)
- [Dental Plaque](#)
- [Dermatitis](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)

- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Duodenal Ulcer](#)
- [Eczema](#)
- [Edema](#)
- [Elephantiasis](#)
- [Epidermal Necrolysis](#)
- [Familial Mediterranean fever](#)
- [Fetal Diseases](#)
- [Fetal Membranes](#)
- [Filariasis](#)
- [Food Hypersensitivity](#)
- [Gallbladder Neoplasms](#)
- [Gastritis](#)
- [Genetic Predisposition to Disease](#)
- [Genital Diseases](#)
- [Gingival Hemorrhage](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Glomerulonephritis](#)
- [Gram-Negative Bacterial Infections](#)
- [Head and Neck Neoplasms](#)
- [Helicobacter Infections](#)
- [Hematologic Diseases](#)
- [Hematologic Neoplasms](#)
- [Hepatitis C](#)

- [Herpes Genitalis](#)
- [HIV Infections](#)
- [Hodgkin Disease](#)
- [Hypersensitivity](#)
- [Infant](#)
- [Infection](#)
- [Inflammation](#)
- [Inflammatory Bowel Diseases](#)
- [Insulin Resistance](#)
- [Leishmaniasis](#)
- [Leprosy](#)
- [Leukemia](#)
- [Low Tension Glaucoma](#)
- [Lung Diseases](#)
- [Lung Neoplasms](#)
- [Lupus Erythematosus](#)
- [Lyme Disease](#)
- [Lymphoma](#)
- [Lymphoproliferative Disorders](#)
- [Malaria](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Meningitis](#)
- [Meningococcal Infections](#)
- [Metaplasia](#)
- [Multiple Myeloma](#)

- [Multiple Sclerosis](#)
- [Musculoskeletal Diseases](#)
- [Mycobacterium avium-intracellulare Infection](#)
- [Mycobacterium Infections](#)
- [Mycoses](#)
- [Myocardial Infarction](#)
- [Nasal Polyps](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Nephritis](#)
- [Obesity](#)
- [Obstetric Labor](#)
- [Occupational Diseases](#)
- [Otitis Media](#)
- [Pancreatitis](#)
- [Papillomavirus Infections](#)
- [Parasitemia](#)
- [Peptic Ulcer](#)
- [Periodontal Diseases](#)
- [Periodontitis](#)
- [Pneumococcal Infections](#)
- [Pneumonia](#)
- [Pre-Eclampsia](#)
- [Pregnancy Complications](#)
- [Premature Birth](#)
- [Prostate cancer](#)

- [Prostatic Neoplasms](#)
- [Puerperal Disorders](#)
- [Pulmonary Disease](#)
- [Purpura](#)
- [Pyelonephritis](#)
- [Q Fever](#)
- [Recurrence](#)
- [Respiratory Sounds](#)
- [Respiratory Syncytial Virus Infections](#)
- [Respiratory Tract Infections](#)
- [Rheumatic Fever](#)
- [Rheumatic Heart Disease](#)
- [Rhinitis](#)
- [Salmonella Infections](#)
- [Sarcoidosis](#)
- [Sepsis](#)
- [Shock](#)
- [Sinusitis](#)
- [Skin Diseases](#)
- [Spondylitis](#)
- [Staphylococcal Infections](#)
- [Staphylococcal Skin Infections](#)
- [Stevens-Johnson Syndrome](#)
- [Stomach Neoplasms](#)
- [Streptococcal Infections](#)



- [Systemic Inflammatory Response Syndrome](#)
- [Tobacco Use Disorder](#)
- [Tuberculosis](#)
- [Urinary Bladder Neoplasms](#)
- [Urinary Tract Infections](#)
- [Uterine Cervical Neoplasms](#)
- [Vaginosis](#)
- [Virus Diseases](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)