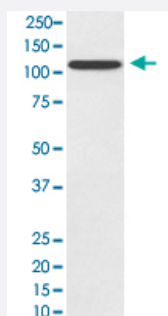


TLR5 monoclonal antibody, clone AADF-20

Catalog # MAB20790

Size 100 uL

Applications



Western Blot (Cell lysate)

Western Blot analysis of HeLa cell lysate with TLR5 monoclonal antibody, clone AADF-20 (Cat # MAB20790).

Specification

Product Description Rabbit monoclonal antibody raised against synthetic peptide of human TLR5.

Immunogen A synthetic peptide corresponding to human TLR5.

Host Rabbit

Theoretical MW (kDa) 97.834

Reactivity Human

Form Liquid

Purification Affinity purification

Isotype IgG

Recommend Usage Western Blot (1:500-1:2000)
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 HeLa cell lysate with TLR5 monoclonal antibody, clone AADF-20 (Cat # MAB20790).

Gene Info — TLR5

Entrez GeneID [7100](#)

Protein Accession# [O60602](#)

Gene Name TLR5

Gene Alias FLJ10052, MGC126430, MGC126431, SLEB1, TIL3

Gene Description toll-like receptor 5

Omim ID [601744](#) [603031](#) [608556](#)

Gene Ontology [Hyperlink](#)

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 product is expressed in myelomonocytic cells, and recognizes bacterial flagellin, a principal component of bacterial flagella and a virulence factor. The activation of this receptor mobilizes the nuclear factor NF-kappaB and stimulates tumour necrosis factor-alpha production. [provided by RefSeq]

Other Designations OTTHUMP00000036039|Toll/interleukin-1 receptor-like protein 3

Pathway

- [Pathogenic Escherichia coli infection - EHEC](#)
- [Toll-like receptor signaling pathway](#)

Disease

- [Arthritis](#)
- [Asthma](#)
- [Bacteriuria](#)
- [Bronchiolitis](#)
- [Bronchiolitis Obliterans](#)
- [Cardiovascular Diseases](#)
- [Chagas Cardiomyopathy](#)
- [Chorioamnionitis](#)
- [Chronic Disease](#)
- [Crohn Disease](#)
- [Cystic Fibrosis](#)
- [Cystitis](#)
- [Diabetes Mellitus](#)
- [Disease Susceptibility](#)
- [Duodenal Ulcer](#)
- [Edema](#)
- [Fetal Membranes](#)
- [Genetic Predisposition to Disease](#)
- [Helicobacter Infections](#)
- [HIV Infections](#)
- [Infant](#)
- [Inflammation](#)
- [Inflammatory Bowel Diseases](#)
- [Lupus Erythematosus](#)

- [Lymphoma](#)
- [Multiple Sclerosis](#)
- [Narcolepsy](#)
- [Obstetric Labor](#)
- [Pre-Eclampsia](#)
- [Premature Birth](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Purpura](#)
- [Pyelonephritis](#)
- [Respiratory Syncytial Virus Infections](#)
- [Sepsis](#)
- [Tobacco Use Disorder](#)
- [Typhoid Fever](#)
- [Urinary Tract Infections](#)