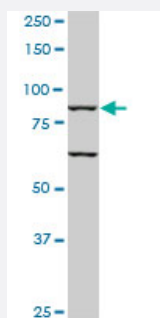


# TLR10 monoclonal antibody (M01), clone 2A11

Catalog # H00081793-M01

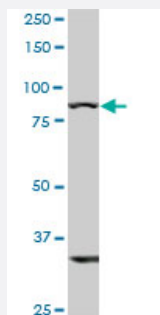
Size 100 ug

## Applications



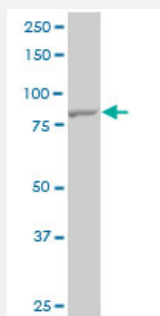
### Western Blot (Cell lysate)

TLR10 monoclonal antibody (M01), clone 2A11. Western Blot analysis of TLR10 expression in Raw 264.7 ( Cat # L024V1 ).



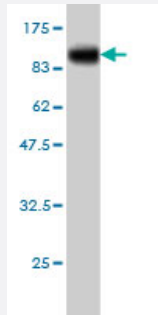
### Western Blot (Cell lysate)

TLR10 monoclonal antibody (M01), clone 2A11. Western Blot analysis of TLR10 expression in NIH/3T3 ( Cat # L018V1 ).



### Western Blot (Cell lysate)

TLR10 monoclonal antibody (M01), clone 2A11 Western Blot analysis of TLR10 expression in PC-12 ( Cat # L012V1 ).



Western Blot detection against Immunogen (87.27 KDa) .

## Specification

|                                |                                                                                                                                                                                                                                                                            |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>     | Mouse monoclonal antibody raised against a full length recombinant TLR10.                                                                                                                                                                                                  |
| <b>Immunogen</b>               | TLR10 (NP_112218.2, 1 a.a. ~ 811 a.a) full length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.                                                                                                                                                     |
| <b>Sequence</b>                | DAPELPEERELMTNCSNMSLRKVPADLTPATTTLDLSYNLLFQLQSSDFHSVSKLRVLILCHNRIQ<br>QLDLKTFEFNKELRYLDLSNNRLKSVTWYLLAGLRYLDLSFNDFDTMPICEEAGNMSHLEILGLSG<br>AKIQKSDFQKIAHLHLNTVFLGFRTLPHYEEGSLPILNTTKLHVLPMDTNFWVLLRDGIKTSKILEMT<br>NIDGKSQFVS YEMQRNLSLENAKTSVLLLNKVDLLWDDFLILQFVWHTSVEHF |
| <b>Host</b>                    | Mouse                                                                                                                                                                                                                                                                      |
| <b>Reactivity</b>              | Human, Mouse, Rat                                                                                                                                                                                                                                                          |
| <b>Isotype</b>                 | IgG1 Kappa                                                                                                                                                                                                                                                                 |
| <b>Quality Control Testing</b> | Antibody Reactive Against Recombinant Protein.<br>Western Blot detection against Immunogen (87.27 KDa) .                                                                                                                                                                   |
| <b>Storage Buffer</b>          | In 1x PBS, pH 7.4                                                                                                                                                                                                                                                          |
| <b>Storage Instruction</b>     | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.                                                                                                                                                                                                   |

## Applications

- Western Blot (Cell lysate)

TLR10 monoclonal antibody (M01), clone 2A11. Western Blot analysis of TLR10 expression in Raw 264.7 ( Cat # L024V1 ).

[Protocol Download](#)

- Western Blot (Cell lysate)

TLR10 monoclonal antibody (M01), clone 2A11. Western Blot analysis of TLR10 expression in NIH/3T3 ( Cat # L018V1 ).

[Protocol Download](#)

- Western Blot (Cell lysate)

TLR10 monoclonal antibody (M01), clone 2A11 Western Blot analysis of TLR10 expression in PC-12 ( Cat # L012V1 ).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

## Gene Info — TLR10

Entrez GeneID [81793](#)

GeneBank Accession# [N/A](#)

Protein Accession# [NP\\_112218.2](#)

Gene Name TLR10

Gene Alias CD290, MGC104967, MGC126398, MGC126399

Gene Description toll-like receptor 10

Omim ID [606270](#)

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 is most highly expressed in lymphoid tissues such as spleen, lymph node, thymus, and tonsil. Its exact function is not known. Multiple alternatively spliced transcript variants encoding the same protein have been found for this gene. [provided by RefSeq]

**Other Designations** OTTHUMP00000158729

## Publication Reference

- [Recognition of Double-Stranded RNA and Regulation of Interferon Pathway by Toll-Like Receptor 10.](#)

Lee SM, Yip TF, Yan S, Jin DY, Wei HL, Guo RT, Peiris JSM.

Frontiers in Immunology 2018 Mar; 9:516.

Application: IF, WB, Human, THP-1 cells

## Disease

- [Adenocarcinoma](#)
- [Asthma](#)
- [Birth Weight](#)
- [Bronchial Hyperreactivity](#)
- [Bronchiolitis](#)
- [Bronchiolitis Obliterans](#)
- [Chronic Disease](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Hematologic Diseases](#)
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- [Infant](#)
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- [Lymphoma](#)
- [Lymphoproliferative Disorders](#)
- [Meningeal Neoplasms](#)

- [Meningioma](#)
- [Multiple Myeloma](#)
- [Multiple Sclerosis](#)
- [Nasopharyngeal Neoplasms](#)
- [Occupational Diseases](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Respiratory Syncytial Virus Infections](#)
- [Rhinitis](#)
- [Tuberculosis](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)