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TLR10 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant TLR10.
Catalog # AT4254a

Specification

TLR10 Antibody (monoclonal) (M01) - Product Information

Application	**WB**
Primary Accession	Q9BXR5
Other Accession	N/A
Reactivity	**Human, Mouse, Rat**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG1 Kappa**
Calculated MW	**94564**

TLR10 Antibody (monoclonal) (M01) - Additional Information

Gene ID 81793

Other Names
Toll-like receptor 10, CD290, TLR10

Target/Specificity
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.

Dilution
WB~~1:500~1000

Format
Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage
Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions
TLR10 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

TLR10 Antibody (monoclonal) (M01) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry

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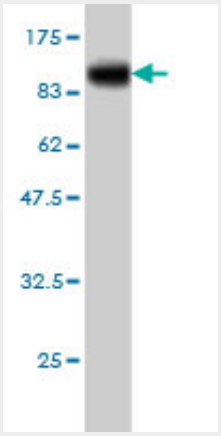
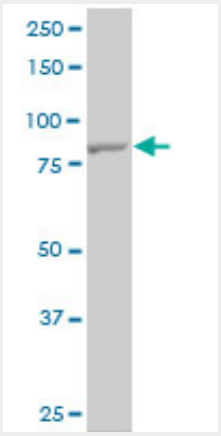
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

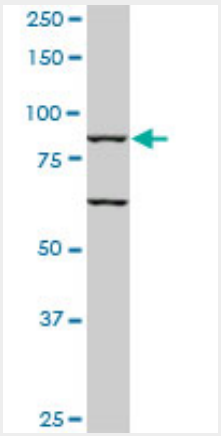
TLR10 Antibody (monoclonal) (M01) - Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (87.27 KDa) .



TLR10 monoclonal antibody (M01), clone 2A11 Western Blot analysis of TLR10 expression in PC-12 ((Cat # AT4254a)



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

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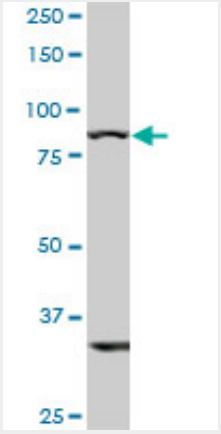
264.7 ((Cat # AT4254a)



TLR10 monoclonal antibody (M01), clone 2A11. Western Blot analysis of TLR10 expression in NIH/3T3 ((Cat # AT4254a)

TLR10 Antibody (monoclonal) (M01) - Background

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. Multiple alternatively spliced transcript variants which encode different protein isoforms have been found for this gene.

TLR10 Antibody (monoclonal) (M01) - References

Polymorphisms of innate pattern recognition receptors, response to interferon-beta and development of neutralizing antibodies in multiple sclerosis patients. Enevold C, et al. Mult Scler, 2010 Aug. PMID 20595247. Interleukin-9 polymorphism in infants with respiratory syncytial virus infection: an opposite effect in boys and girls. Schuurhof A, et al. Pediatr Pulmonol, 2010 Jun. PMID 20503287. A Large-scale genetic association study of esophageal adenocarcinoma risk. Liu CY, et al. Carcinogenesis, 2010 Jul. PMID 20453000. Joint influences of Acidic-Mammalian-Chitinase with Interleukin-4 and Toll-like receptor-10 with Interleukin-13 in the genetics of asthma. Heinzmann A, et al. Pediatr Allergy Immunol, 2010 Jun. PMID 20444155. Polymorphisms in innate immunity genes and risk of childhood leukemia. Han S, et al. Hum Immunol, 2010 Jul. PMID 20438785.