Product Name: TLR10 Mouse Monoclonal Antibody
Catalog #: AMM82631
For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	ICC,FC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG2a
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Application

Dilution Ratio	ICC 1:200-1:1000,FC 1:200-1:400
Molecular Weight	94.6kDa

Antigen Information

Gene Name	TLR10
Alternative Names	CD290
Gene ID	81793.0
SwissProt ID	Q9BXR5
Immunogen	Purified recombinant fragment of human TLR10 (AA: extra(20-219)) expressed in E. Coli.

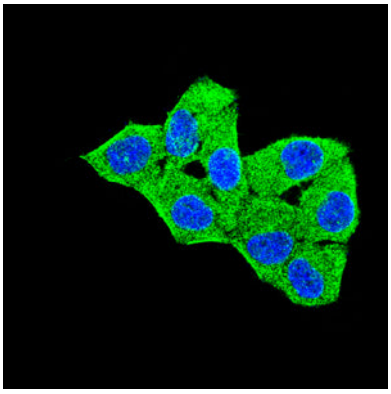
Background

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

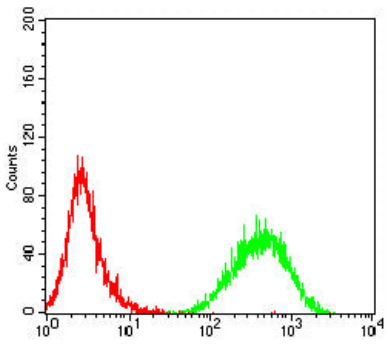
agents, and mediate the production of cytokines necessary for the development of effective immunity. The various TLRs exhibit different patterns of expression. This gene is most highly expressed in lymphoid tissues such as spleen, lymph node, thymus, and tonsil. Multiple alternatively spliced transcript variants which encode different protein isoforms have been found for this gene. [provided by RefSeq, Aug 2010]

Research Area

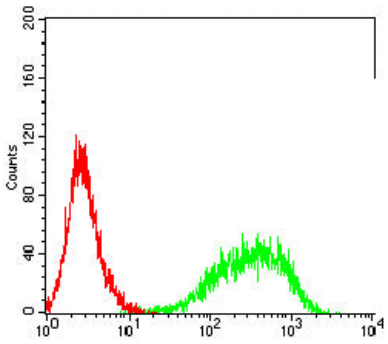
Image Data



Immunofluorescence analysis of Hela cells using TLR10 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin.



Flow cytometric analysis of Jurkat cells using TLR10 mouse mAb (green) and negative control (red).



Flow cytometric analysis of HL-60 cells using TLR10 mouse mAb (green) and negative control (red).