



Category: Monoclonal Antibodies
Product Name: Mouse Monoclonal Antibody to TLR2

Catalog Number: MAB-606020424

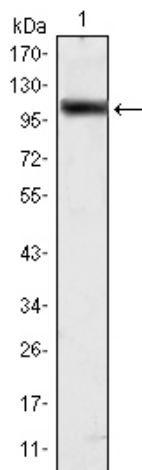


Figure 1: Western blot analysis using TLR2 mouse mAb against Hela (1) cell lysate.

Lot#:
Clone#: 2D6
Host and isotype: Mouse IgG1
Size: 0.1ml
MW: 100kDa
Aliases: TIL4; CD282; TLR2
Entrez Gene: 7097

Description 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.

Immunogen Purified recombinant fragment of human TLR2 expressed in *E. Coli*.

Application Western Blotting: 1/500 - 1/2000.
ELISA: Propose dilution 1/10000.
Not yet tested in other applications.
Determining optimal working dilutions by titration test.

Formulation Ascitic fluid containing 0.03% sodium azide.

Storage Store at 4°C, for long term storage, store at -20°C.

Related product References 1. Ginek Pol. 2009 Dec;80(12):914-9. Polish.
2. BMC Med Genet. 2010 Mar 2;11:37.

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