SICGEN ANTIBODIES

Product Data Sheet

Catalogue No.	Qty:
AB0098-200	600 µg

Anti-TLR2

Source: Goat

General description: Goat polyclonal antibody to TLR2. It is a 84 kDa type I transmembrane glycoprotein and a member of TLR family. It contains many leucine-rich repeat sequences and the intracellular Toll Interleukin Receptor Domain. TLR2 forms heterodimer with TLR1 and TLR6. It is expressed in peripheral blood leukocytes, and highly expressed in monocytes in bone marrow, lymph nodes, and spleen. It is also detectable in other tissues. This protein recognizes molecular patterns of bacteria, fungi, protozoan pathogens and stimulates pro-inflammatory cytokines as part of innate immunity.

Alternative names: CD282, TIL4, toll/interleukin 1 receptor-like 4, toll/interleukin-1 receptor-like protein 4 antibody.

Form: Polyclonal antibody supplied as a 200 µl (3 mg/ml) aliquot in PBS, 20% glycerol and 0.05% sodium azide. This antibody is epitope-affinity purified from goat antiserum.

Immunogen: Purified recombinant peptide derived from within residues 736 aa to the C-terminus of human TLR2 produced in E. coli.

Specificity: Using liver, MDA-MD-435S and RAW264.7 cell lysates detects a band 85-90 kDa by Western blot.

Reactivity: Reacts with Human, Rat, Mouse and Monkey proteins

Sample	WB	IHC (F)	IHC (P)	IF	ELISA
Human	+++	ND	ND	ND	
Rat	+++	ND	ND	ND	ND
Mouse	+++	ND	ND	ND	ND
Monkey	+++	ND	ND	ND	ND

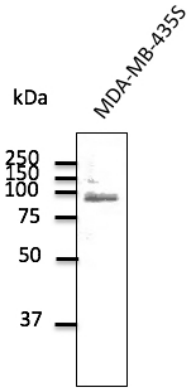
+++ excellent, ++ good, + poor, ND not determined

Usage:

WB: 1:500-1:2,000

Storage: For continuous use, store at 2-8 C for one-two days. For extended storage, store in -20 C freezer. Working dilution samples should be discarded if not used within 12 hours.

Special instructions: The antibody solution should be gently mixed before use. Avoid freeze/thaw cycles.



Anti-TLR2 Ab at 1/500 dilution; Rabbit polyclonal to goat IgG (HRP) at 1/10,000 dilution;

For research use only, not for diagnostic use

SICGEN's Proprietary Immunogen Policy

In order to produce high specific antibodies SICGEN has invested a lot of time and effort into selecting immunogen sequences. SICGEN has decided to protect this information by not publishing it on the website. However, these sequences are available on request.