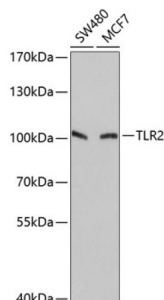


Toll Like Receptor 2 (TLR2) Antibody

Catalogue No.: abx001983



Western blot analysis of extracts of various cell lines using TLR2 Antibody (1/1000 dilution).

TLR2 Antibody is a Rabbit Polyclonal antibody against TLR2. 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.

Target: Toll Like Receptor 2 (TLR2)

Clonality: Polyclonal

Reactivity: Human

Tested Applications: WB

Host: Rabbit

Recommended dilutions: WB: 1/500 - 1/2000. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: Recombinant fusion protein corresponding to human TLR2

Isotype: IgG

Form: Liquid

Purification: Purified by affinity chromatography.

Storage: Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

UniProt Primary AC: O60603 ([UniProt](#), [ExPASy](#))

Datasheet

Version: 4.0.0
Revision date: 06 Mar 2025



Gene Symbol: TLR2

GeneID: [7097](#)

OMIM: [246300](#)

NCBI Accession: NP_003255.2

HGNC: 11848

KEGG: hsa:7097

Ensembl: ENSG00000137462

String: [9606.ENSP00000260010](#)

Molecular Weight: Calculated MW: 89 kDa
Observed MW: 100 kDa

Buffer: PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.

Concentration: 1 mg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.