TLR2 Rabbit Polyclonal Antibody

CAB0367

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

89kDa

Calculated MW:

89kDa

Applications:

WB IHC IF

Reactivity:

Human, Mouse, Rat

Antibody Information

Recommended dilutions:
WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200

Source:
Rabbit

Isotype:
IgG

Purification:
Affinity purification

Protein 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. This protein is a cell-surface protein that can form heterodimers with other TLR family members to recognize conserved molecules derived from microorganisms known as pathogen-associated molecular patterns (PAMPs). Activation of TLRs by PAMPs leads to an up-regulation of signaling pathways to modulate the host's inflammatory response. This gene is also thought to promote apoptosis in response to bacterial lipoproteins. This gene has been implicated in the pathogenesis of several autoimmune diseases. Alternative splicing results in multiple transcript variants.

Immunogen information

Gene ID:
7097

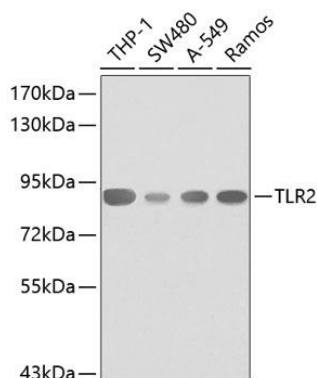**Uniprot**
O60603

Synonyms:
CD282; TIL4; TLR2

Immunogen:
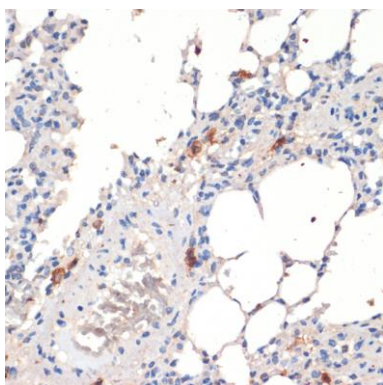Recombinant protein of human TLR2

Storage:
Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
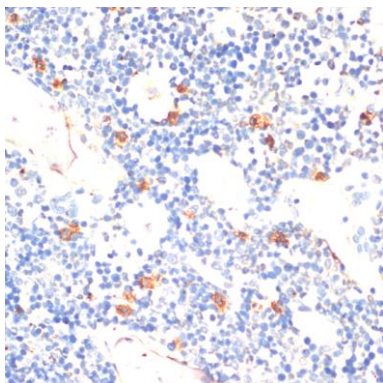
Product Images

Western blot analysis of extracts of various cell lines, using TLR2 antibody (CAB0367). Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.

Immunohistochemistry of paraffin-embedded rat lung using TLR2 antibody (CAB0367) at dilution of 1:200 (40x lens).

Immunohistochemistry of paraffin-embedded rat bone marrow using TLR2 antibody (CAB0367) at dilution of 1:200 (40x lens).