

TLR6 Rabbit pAb

Catalog No.: A8185 **2 Publications**

Basic Information

Observed MW

100kDa

Calculated MW

92kDa

Category

Primary antibody

Applications

ELISA,WB,IF/ICC

Cross-Reactivity

Human, Mouse

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 receptor functionally interacts with toll-like receptor 2 to mediate cellular response to bacterial lipoproteins. A Ser249Pro polymorphism in the extracellular domain of the encoded protein may be associated with an increased of asthma in some populations.

Recommended Dilutions

WB	1:500 - 1:1000
IF/ICC	1:50 - 1:200

Immunogen Information

Gene ID

10333

Swiss Prot

Q9Y2C9

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 697-796 of human TLR6 (NP_006059.2).

Synonyms

CD286; TLR6

Contact

 | 400-999-6126 | cn.market@abclonal.com.cn | www.abclonal.com.cn

Product Information

Source

Rabbit

Isotype

IgG

Purification

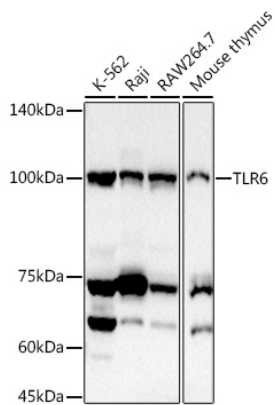
Affinity purification

Storage

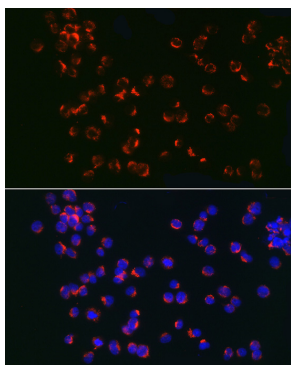
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using TLR6 antibody (A8185) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 10s.



Immunofluorescence analysis of Jurkat cells using TLR6 Rabbit pAb (A8185) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.