

CD180 Rabbit pAb

Catalog No.: A10226

Basic Information

Observed MW

105kDa

Calculated MW

74kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human

Background

CD180 is a cell surface molecule consisting of extracellular leucine-rich repeats (LRR) and a short cytoplasmic tail. The extracellular LRR is associated with a molecule called MD-1 and form the cell surface receptor complex, RP105/MD-1. It belongs to the family of pathogen receptors, Toll-like receptors (TLR). RP105/MD1, by working in concert with TLR4, controls B cell recognition and signaling of lipopolysaccharide (LPS), a membrane constituent of Gram-negative bacteria.

Recommended Dilutions

WB 1:1000 - 1:2000

Immunogen Information

Gene ID

4064

Swiss Prot

Q99467

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 24-220 of human CD180 (NP_005573.2).

Synonyms

LY64; Ly78; RP105; CD180

Contact

 | www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

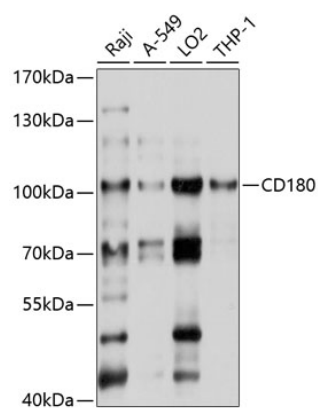
Affinity purification

Storage

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

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using CD180 antibody (A10226) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (A5014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 1s.