

## CD180

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**Reactivity:**Human

**Tested applications:**WB

**Recommended Dilution:**WB 1:1000 - 1:2000

**Calculated MW:**74kDa

**Observed MW:**Refer to figures

**Immunogen:**

Recombinant protein of human CD180

**Storage Buffer:**

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

**Synonym:**

LY64; Ly78; RP105;

**Catalog #:**A10226

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**4064

**Isotype:**IgG

**Swiss Prot:**Q99467

**Purity:**Affinity purification

For research use only.

**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.

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