

Datasheet for ABIN7539705
anti-CD180 antibody (AA 24-185)



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Overview

Quantity:	100 µL
Target:	CD180
Binding Specificity:	AA 24-185
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD180 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Immunohistochemistry (IHC), ELISA, Immunocytochemistry (ICC)

Product Details

Purpose:	CD180 Antibody
Immunogen:	Purified recombinant fragment of human CD180 (AA: 24-185) expressed in E. Coli.
Clone:	1B3C4
Isotype:	IgG1
Purification:	Purified antibody

Target Details

Target:	CD180
Alternative Name:	CD180 (CD180 Products)
Background:	Description: CD180 is a cell surface molecule consisting of extracellular leucine-rich repeats

Target Details

(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.

Aliases: LY64, Ly78, RP105

Molecular Weight: 74.2 kDa

Gene ID: 4064

UniProt: [Q99467](#)

Pathways: [Cellular Response to Molecule of Bacterial Origin](#), [Toll-Like Receptors Cascades](#)

Application Details

Application Notes: ELISA: 1/10000
FCM: 1/200 - 1/400
ICC: 1/200 - 1/1000

Restrictions: For Research Use only

Handling

Buffer: Purified antibody in PBS with 0.05 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.