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CD180 Monoclonal Antibody (RP/14)

Catalog Number MA1-40034 **Product Data Sheet**

Details	
Size	100 µg
Host / Isotype	Rat / IgG2a
Class	Monoclonal
Type	Antibody
Clone	RP/14
Immunogen	Murine RP105/CD180.
Conjugate	Unconjugated
Form	Liquid
Concentration	0.1mg/ml
Purification	purified
Storage Buffer	PBS with 0.1% BSA
Contains	no preservative
Storage Conditions	4° C

Species Reactivity	
Tested species reactivity	Mouse
Tested Applications	**Dilution ***
Flow Cytometry (Flow)	1:50
Functional Assay (FN)	1:50

* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.

Product Specific Information

MA1-40034 detects CD180 from mouse samples.

MA1-40034 has been successfully used in flow cytometry and funtional applications.

The MA1-40034 immunogen is mouse RP105/CD180.

Background/Target Information

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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