

CD180 monoclonal antibody, clone G28-8 (PE)

Catalog # MAB10239

Size 100 Reactions

Specification

Product Description	Mouse monoclonal antibody raised against of CD180.
Immunogen	Human tonsillar B cells.
Host	Mouse
Theoretical MW (kDa)	95-105
Reactivity	Human
Specificity	CD180, a TLR-like glycoprotein expressed on peripheral blood monocytes and dendritic cells, mantle zone B cells and marginal zone B cells, but very weakly on germinal center B cells.
Form	Liquid
Conjugation	PE
Purification	Size-exclusion chromatography purification
Isotype	IgG1
Recommend Usage	Flow Cytometry (20 uL reagent/100 uL of whole blood or 10^6 cells) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.2% BSA, 0.09% sodium azide)
Storage Instruction	Store at 4°C. Do not freeze.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunoprecipitation

- Functional Study
- Flow Cytometry

Gene Info — CD180

Entrez GeneID [4064](#)

Gene Name CD180

Gene Alias LY64, Ly78, MGC126233, MGC126234, RP105

Gene Description CD180 molecule

Omim ID [602226](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations CD180 antigen|lymphocyte antigen-64, radioprotective, 105kDa

Disease

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- [Glioblastoma](#)
- [Glioma](#)
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