

For Research Use Only

# Anti-Rabbit CD19 Mouse Recombinant Antibody, PBS Only

Catalog Number: 98351-1-PBS



## Basic Information

Catalog Number:

98351-1-PBS

Size:

1mg, 2 mg/ml

Source:

Mouse

Isotype:

IgG

Immunogen Catalog Number:

EG3526

GenBank Accession Number:

GeneID (NCBI):

100345233

Full Name:

CD19

Purification Method:

Protein A purification

CloneNo.:

242570A11

## Applications

Tested Applications:

FC

Species Specificity:

rabbit

## Background Information

CD19 is a 95 kDa type I transmembrane glycoprotein belonging to the immunoglobulin superfamily (PMID: 2472450). It is expressed by B cells and follicular dendritic cells. CD19 is up-regulated at the step of B-lineage commitment during the differentiation of the hematopoietic stem cell, it remains on during subsequent stages of differentiation until finally down-regulated during terminal differentiation into plasma cells (PMID: 8528044). CD19 is involved in B cell development, activation and differentiation. It is the dominant component for the signaling complex on B cells that includes CD21 (CR2), CD81 (TAPA-1) and CD225 and acts as a critical co-receptor for BCR signal transduction (PMID: 23210908).

## Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

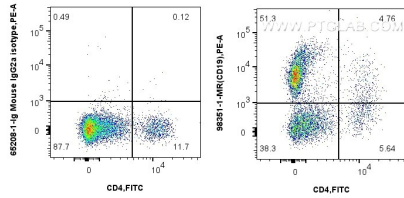
For technical support and original validation data for this product please contact:

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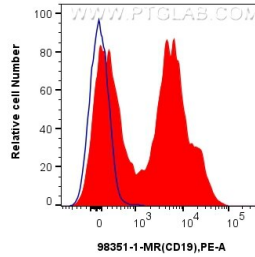
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## Selected Validation Data



1x10<sup>6</sup> rabbit splenocytes were surface stained with 0.25 ug Anti-Rabbit CD19 Mouse RecAb (98351-1-MR, Clone:242570A11) .or Mouse IgG2a Isotype Control (C1.18.4) (65208-1-Ig, Clone: C1.18.4) and PE-conjugated Goat Anti-Mouse IgG. Cells were then stained with Anti-Rabbit FITC-CD4. Cells were not fixed. This data was developed using the same antibody clone with 98351-1-PBS in a different storage buffer formulation.



1x10<sup>6</sup> rabbit splenocytes were surface stained with 0.25 ug Anti-Rabbit CD19 Mouse RecAb (98351-1-MR, Clone:242570A11)(red).or Mouse IgG2a Isotype Control (C1.18.4) (65208-1-Ig, Clone: C1.18.4) and PE-conjugated Goat Anti-Mouse IgG(blue). Cells were not fixed. This data was developed using the same antibody clone with 98351-1-PBS in a different storage buffer formulation.