

For Research Use Only

Anti-Mouse CD23 Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98164-1-PBS



Basic Information

Catalog Number:

98164-1-PBS

Size:

1mg, 2 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

EDL21948.1

GeneID (NCBI):

14128

UNIPROT ID:

P20693-1

Full Name:

Fc receptor, IgE, low affinity II, alpha polypeptide

Calculated MW:

38kDa

Purification Method:

Protein A purification

CloneNo.:

241385D1

Applications

Tested Applications:

FC

Species Specificity:

mouse

Background Information

CD23, also known as low-affinity immunoglobulin epsilon Fc receptor, is a transmembrane glycoprotein present on a subpopulation of B lymphocytes in germinal centers, EBV-transformed B-lymphoblastoid cell lines, follicular dendritic cells, and a subpopulation of peripheral blood cells. CD23 has essential roles in the regulation of IgE production and in the differentiation of B-cells

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

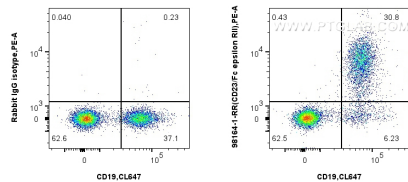
T: 4006900926

E: Proteintech-CN@ptglab.com

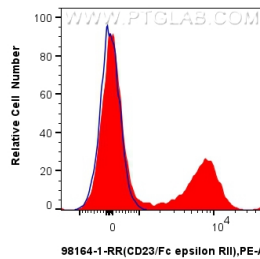
W: ptgcn.com

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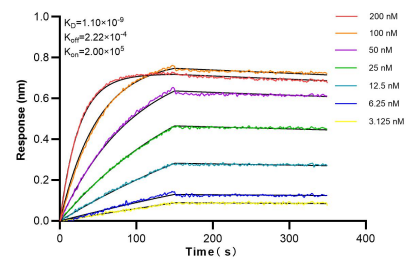
Selected Validation Data



1x10⁶ mouse splenocytes were surface stained with 0.25 ug Anti-Mouse CD23 Rabbit Recombinant Antibody (98164-1-RR, Clone: 241385D1) or 0.25 ug Isotype Control, and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were co-stained with CoraLite® Plus 647 Anti-Mouse CD19. Cells were not fixed. This data was developed using the same antibody clone with 98164-1-PBS in a different storage buffer formulation.



1x10⁶ mouse splenocytes were surface stained with 0.25 ug Anti-Mouse CD23 Rabbit Recombinant Antibody (98164-1-RR, Clone: 241385D1) (red) or 0.25 ug Isotype Control (blue), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were not fixed. This data was developed using the same antibody clone with 98164-1-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 98164-1-RR against Mouse CD23 were performed. The affinity constant is 1.10 nM.