

For Research Use Only

# CoraLite®594 Anti-Mouse CD23 Rabbit Recombinant Antibody

Catalog Number: CL594-98164



## Basic Information

Catalog Number:

CL594-98164

Concentration:

100ug, 500 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG1295

GenBank Accession Number:

EDL21948.1

GeneID (NCBI):

14128

UNIPROT ID:

P20693-1

Full Name:

Fc receptor, IgE, low affinity II, alpha polypeptide

Calculated MW:

38 kDa

Purification Method:

Protein A purification

CloneNo.:

241385D1

Recommended Dilutions:

FC: 0.25 ug per 10<sup>6</sup> cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:

588 nm / 604 nm

## Applications

Tested Applications:

FC

Species Specificity:

mouse

Positive Controls:

FC : mouse splenocytes,

## 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 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide, pH7.3

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

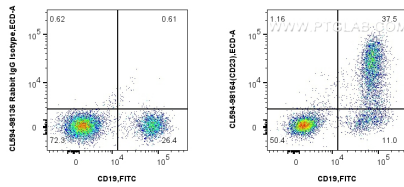
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

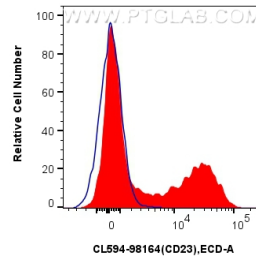
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



1x10<sup>6</sup> mouse splenocytes were surface stained with FITC Plus Anti-Mouse CD19, and 0.25 ug CoraLite®594 Anti-Mouse CD23 Rabbit RecAb (CL594-98164, Clone: 241385D1) or CoraLite®594 Rabbit IgG Isotype Control Recombinant Antibody (CL594-98136, Clone: 240953C9). Cells were not fixed.



1x10<sup>6</sup> mouse splenocytes were surface stained with 0.25 ug CoraLite®594 Anti-Mouse CD23 Rabbit RecAb (CL594-98164, Clone: 241385D1) (red) or CoraLite®594 Rabbit IgG Isotype Control Recombinant Antibody (CL594-98136, Clone: 240953C9) (blue). Cells were not fixed.