

For Research Use Only

# Anti-Mouse IGSF2/CD101 Rabbit Recombinant Antibody

Catalog Number: 98596-2-RR



## Basic Information

Catalog Number:

98596-2-RR

Concentration:

100ug, 1000  $\mu$ g/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG1832

GenBank Accession Number:

NM\_001167906.1

GeneID (NCBI):

630146

UNIPROT ID:

A8E0Y8

Full Name:

immunoglobulin superfamily,  
member 2

Calculated MW:

114kDa

Purification Method:

Protein A purification

CloneNo.:

250569E6

Recommended Dilutions:

FC: 0.25 ug per  $10^6$  cells in a 100  $\mu$ l  
suspension

## Applications

Tested Applications:

FC

Species Specificity:

mouse

Positive Controls:

FC : mouse bone marrow cells,

## Background Information

IGSF2, also known as CD101, is a low abundance protein. Expression of CD101 is found on monocytes, granulocytes and dendritic cells. In addition expression on T lymphocytes is important for cell activation. It plays a role as inhibitor of T-cells proliferation induced by CD3 and inhibits expression of IL2RA on activated T-cells and secretion of IL2.

## Storage

Storage:

Store at 2 - 8°C. 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:

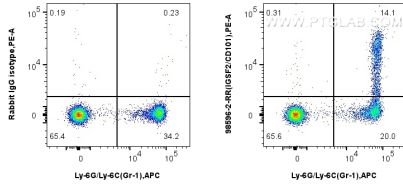
T: 4006900926

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

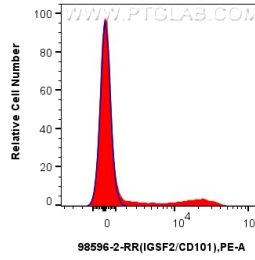
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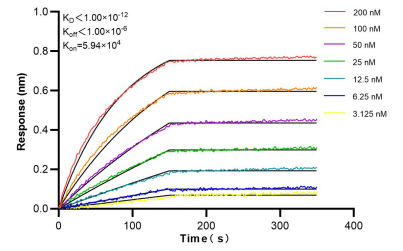
## Selected Validation Data



1x10<sup>6</sup> mouse bone marrow cells were surface stained with 0.25 ug Anti-Mouse IGSF2/CD101 Rabbit RecAb (98596-2-RR, Clone: 250569E6) or 0.25 ug Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were then stained with APC Anti-Mouse Ly-6G/Ly-6C (Gr-1) (RB6-8C5) (APC-65140, Clone: RB6-8C5). Cells were not fixed.



1x10<sup>6</sup> mouse bone marrow cells were surface stained with 0.25 ug Anti-Mouse IGSF2/CD101 Rabbit RecAb (98596-2-RR, Clone: 250569E6) (red) or 0.25 ug Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were not fixed.



Bilayer interferometry (BLI) kinetic assays of 98596-2-RR against Mouse IGSF2/CD101 were performed. The affinity constant is below 1 pM.