

For Research Use Only

# Anti-Mouse Integrin beta 5 Rabbit Recombinant Antibody

Catalog Number: 98706-1-RR



## Basic Information

Catalog Number:

98706-1-RR

Concentration:

100ug, 1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG10456

GenBank Accession Number:

GeneID (NCBI):

16419

Full Name:

integrin beta 5

Purification Method:

Protein A purification

CloneNo.:

252748H5

Recommended Dilutions:

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

## Applications

Tested Applications:

FC

Species Specificity:

mouse

Positive Controls:

FC : bEnd.3 cells,

## Background Information

Integrin beta-5 (ITGB5) is expected to be located in the plasma membrane and mitochondria, which is ubiquitinated in placenta and gall bladder. ITGB5 is a member of integrins and was proved to be associated with pathological processes in several tumors (PMID: 34966851). It is reported that TGB5 is highly expressed in hepatocellular carcinoma (HCC), and miR-185 regulates the expression of  $\beta$  - catenin through the ITGB5-dependent manner and affects the proliferation and migration of HCC cells (PMID: 35223869).

## 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:

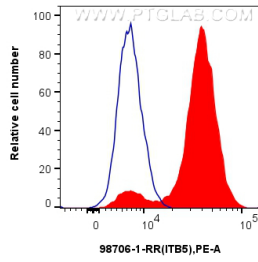
T: 4006900926

E: Proteintech-CN@ptglab.com

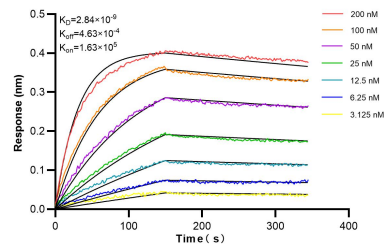
W: ptgcn.com

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## Selected Validation Data



$1 \times 10^6$  bEnd.3 cells were surface stained with 0.25  $\mu$ g Anti-Mouse Integrin beta 5 Rabbit RecAb (98706-1-RR, Clone: 252748H5) (red) or 0.25  $\mu$ g Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were not fixed.



Biolayer interferometry (BLI) kinetic assays of 98706-1-RR against Mouse Integrin beta 5 were performed. The affinity constant is 2.84 nM.