

For Research Use Only

FITC Plus Anti-Human Beta-2-Microglobulin Rabbit Recombinant Antibody

Catalog Number: **FITC-98165**

Basic Information

Catalog Number:

FITC-98165

Concentration:

100 tests, 5 µl/test

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG2284

GenBank Accession Number:

BC032589

GeneID (NCBI):

567

ENSEMBL Gene ID:

ENSG00000166710

UNIPROT ID:

P61769

Full Name:

beta-2-microglobulin

Calculated MW:

119 aa, 14 kDa

Purification Method:

Protein A purification

CloneNo.:

241308D5

Recommended Dilutions:

FC: 5 µl per 10⁶ cells in a 100 µl suspension

Excitation/Emission maximum wavelengths:

495 nm / 524 nm

Applications

Tested Applications:

FC

Species Specificity:

human

Positive Controls:

FC : human PBMCs,

Background Information

Beta-2-microglobulin (B2M) is a component of MHC class I molecules, which are present on the surface of nearly all nucleated cells. It can be found in body fluids under physiologic conditions due to shedding from cell surfaces or intracellular release. B2M has various biological functions, including antigen presentation. Investigations reveal that increased synthesis and release of B2M are present in several malignant diseases.

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 and 0.5% BSA, pH7.3

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

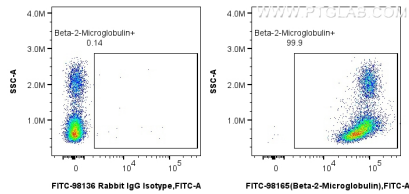
T: 4006900926

E: Proteintech-CN@ptglab.com

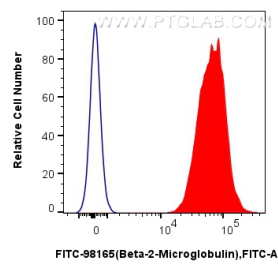
W: ptgcn.com

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Selected Validation Data



1x10⁶ human PBMCs were surface stained with 5 ul FITC Plus Anti-Human Beta-2-Microglobulin Rabbit RecAb (FITC-98165, Clone: 241308D5) or FITC Plus Rabbit IgG Isotype Control Recombinant Antibody (FITC-98136, Clone: 240953C9). Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.



1x10⁶ human PBMCs were surface stained with 5 ul FITC Plus Anti-Human Beta-2-Microglobulin Rabbit RecAb (FITC-98165, Clone: 241308D5) (red) or FITC Plus Rabbit IgG Isotype Control Recombinant Antibody (FITC-98136, Clone: 240953C9) (blue). Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.