

ABflo® 488 Rabbit anti-Human β 2 Microglobulin mAb

Catalog No.: A24223 **1 Publications**

Basic Information

Observed MW

Refer to figures

Calculated MW

13kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Human

CloneNo number

ARC60950

Conjugate

ABflo® 488. Ex:491nm. Em:516nm.

Recommended Dilutions

FC 5 μ l per 10^6 cells in
100 μ l volume

Background

This gene encodes a serum protein found in association with the major histocompatibility complex (MHC) class I heavy chain on the surface of nearly all nucleated cells. The protein has a predominantly beta-pleated sheet structure that can form amyloid fibrils in some pathological conditions. The encoded antimicrobial protein displays antibacterial activity in amniotic fluid. A mutation in this gene has been shown to result in hypercatabolic hypoproteinemia.

Immunogen Information

Gene ID

567

Swiss Prot

P61769

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

B2M; IMD43; beta-2-microglobulin

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

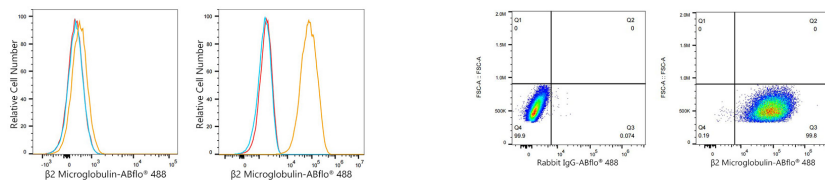
Affinity purification

Storage

Store at 2-8°C. Avoid freeze.

Buffer: PBS containing 0.2% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Flow cytometry: 1×10^6 Daudi cells (negative control, left) and HeLa (right) were surface-stained with ABflo® 488 Rabbit anti-Human $\beta 2$ Microglobulin mAb (A24223, 5 $\mu\text{l}/\text{Test}$, orange line) or ABflo® 488 Rabbit IgG isotype control (A22069, 5 $\mu\text{l}/\text{Test}$, blue line). Non-fluorescently stained Daudi cells were used as blank control (red line).

Flow cytometry: 1×10^6 HeLa were surface-stained with ABflo® 488 Rabbit IgG isotype control (A22069, 5 $\mu\text{l}/\text{Test}$, left) or ABflo® 488 Rabbit anti-Human $\beta 2$ Microglobulin mAb (A24223, 5 $\mu\text{l}/\text{Test}$, right).