

ABflo® 488 Rabbit anti-Human Galectin 3 mAb

Catalog No.: A23016

Basic Information

Observed MW

Calculated MW

26kDa

Category

Primary antibody

Applications

FC (intra)

Cross-Reactivity

Human

CloneNo number

ARC58285

Conjugate

ABflo® 488. Ex:491nm. Em:516nm.

Background

This gene encodes a member of the galectin family of carbohydrate binding proteins. Members of this protein family have an affinity for beta-galactosides. The encoded protein is characterized by an N-terminal proline-rich tandem repeat domain and a single C-terminal carbohydrate recognition domain. This protein can self-associate through the N-terminal domain allowing it to bind to multivalent saccharide ligands. This protein localizes to the extracellular matrix, the cytoplasm and the nucleus. This protein plays a role in numerous cellular functions including apoptosis, innate immunity, cell adhesion and T-cell regulation. The protein exhibits antimicrobial activity against bacteria and fungi. Alternate splicing results in multiple transcript variants.

Recommended Dilutions

FC (intra) 5 µl per 10⁶ cells in
100 µl volume

Immunogen Information

Gene ID

3958

Swiss Prot

P17931

Immunogen

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

Synonyms

L31; GAL3; MAC2; CBP35; GALBP; GALIG; LGALS2

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

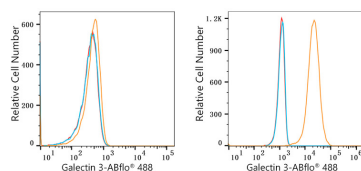
Affinity purification

Storage

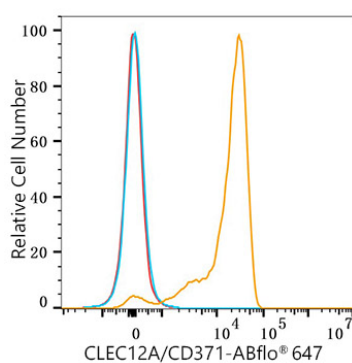
Store at 2-8°C. Avoid freeze.

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

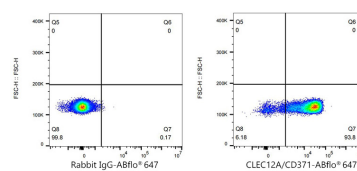
Validation Data



Flow cytometry: 1X10⁶ Jurkat cells (Low Expression control, Left) and MCF7 cells (Right) were intracellularly-stained with ABflo® 488 Rabbit anti-Human Galectin 3 mAb (A23016, 5 µl/Test, orange line) or ABflo® 488 Rabbit IgG isotype control (A22069, 5 µl/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry: 1X10⁶ Human PBMC were intracellularly-stained with ABflo® 488 Rabbit anti-Human Galectin 3 mAb (A23016, 5 µl/Test, orange line) or ABflo® 488 Rabbit IgG isotype control (A22069, 5 µl/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry: 1X10⁶ Human PBMC were intracellularly-stained with ABflo® 488 Rabbit IgG isotype control (A22069, 5 µl/Test, left) or ABflo® 488 Rabbit anti-Human Galectin 3 mAb (A23016, 5 µl/Test, right).