Leader in Biomolecular Solutions for Life Science

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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-ABf488

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 10^6 cells in 100 µl volume

Immunogen Information

Gene ID
3958

Swiss Prot
P17931

Immunogen
Recombinant protein of human Galectin 3.

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

Contact

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Product Information

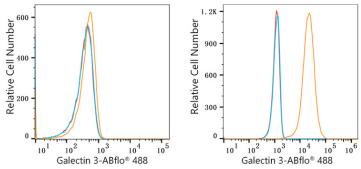
Source
Rabbit

Isotype
IgG

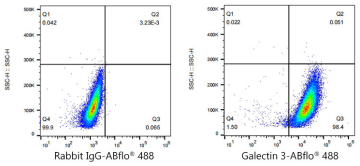
Purification
Affinity purification

Storage
Store at 2-8℃. Avoid freeze.
Buffer: PBS with 0.03% proclin300,0.2% BSA,pH7.3.

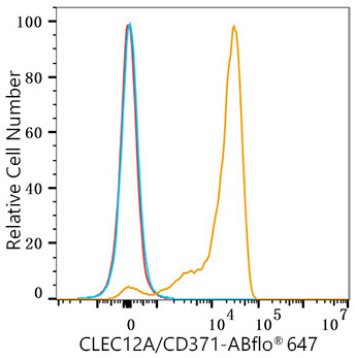
Validation Data



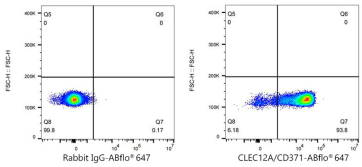
Flow cytometry:1X10^6 Jurkat cells(Low Expression control,Left) and MCF7 cells (Right) were intracellularly-stained with ABflo® 488 Rabbit anti-Human Galectin 3 mAb(A23016,5 µl/Test,orange line) or ABflo® 488 Rabbit IgG isotype control (A22069,5 µl/Test,blue line). Non-fluorescently stained cells was used as blank control (red line).



Flow cytometry:1X10^6 MCF7 cells 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).



Flow cytometry:1X10^6 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:1X10^6 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).