

ABflo® 594 Rabbit anti-Human Galectin 3 mAb

Catalog No.: A25187

Basic Information

Observed MW

Calculated MW

26kDa

Category

Primary antibody

Applications

FC (intra)

Cross-Reactivity

Human

CloneNo number

ARC58285-ABflo594

Conjugate

ABflo® 594. Ex:588nm. Em:604nm.

Recommended Dilutions

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

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.

Immunogen Information

Gene ID

3958

Swiss Prot

P17931

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-250 of human Galectin 3 (NP_002297.2).

Synonyms

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

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

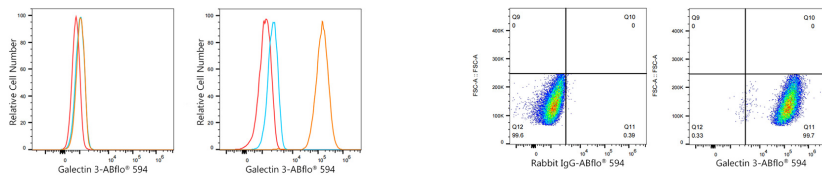
Affinity purification

Storage

Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.03% proclin300,0.2% BSA,pH7.3.

Validation Data



Flow cytometry: 1×10^6 Jurkat cells (Low Expression, left) and MCF7 cells (right) were intracellularly-stained with ABflo® 594 Rabbit anti-Human Galectin 3 mAb (A25187,5 $\mu\text{l}/\text{Test}$, orange line) or ABflo® 594 Rabbit IgG isotype control (A23821,5 $\mu\text{l}/\text{Test}$, blue line). Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry: 1×10^6 MCF7 cells were intracellularly-stained with ABflo® 594 Rabbit IgG isotype control (A23821,5 $\mu\text{l}/\text{Test}$, left) or ABflo® 594 Rabbit anti-Human Galectin 3 mAb (A25187,5 $\mu\text{l}/\text{Test}$, right).