

# 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

### Conjugate

ABflo® 594. Ex:588nm. Em:604nm.

## 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<sup>6</sup> 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

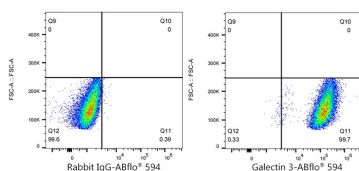
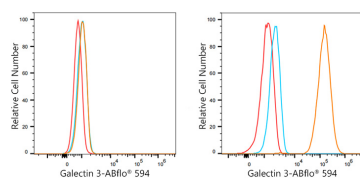
Affinity purification

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

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