

ABflo® 647 Rabbit anti-Human Galectin 3 mAb

Catalog No.: A23017

Basic Information

Observed MW

Calculated MW
26kDa

Category
Primary antibody

Applications
FC (intra)

Cross-Reactivity
Human

CloneNo number
ARC58285-ABf647

Conjugate
ABflo® 647. Ex:648nm. Em:664nm.

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	Swiss Prot
3958	P17931

Immunogen
Recombinant protein of human Galectin 3.

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

Contact

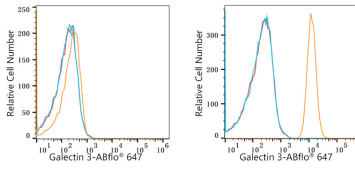
☎	400-999-6126
✉	cn.market@abclonal.com.cn
🌐	www.abclonal.com.cn

Product Information

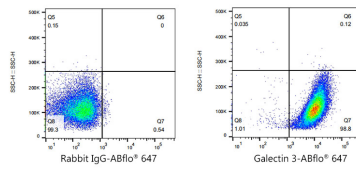
Source	Isotype	Purification
Rabbit	IgG	Affinity purification

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

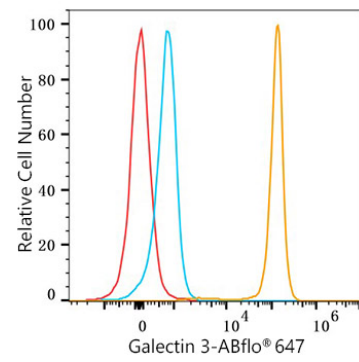
Validation Data



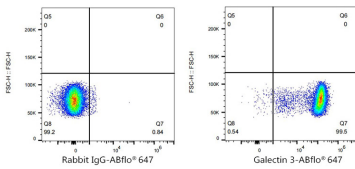
Flow cytometry: 1×10^6 Jurkat cells (Low Expression control, Left) and MCF7 cells (Right) were intracellularly-stained with ABflo® 647 Rabbit anti-Human Galectin 3 mAb (A23017, 5 μ l/Test, orange line) or ABflo® 647 Rabbit IgG isotype control (A22070, 5 μ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry: 1×10^6 MCF7 cells were intracellularly-stained with ABflo® 647 Rabbit IgG isotype control (A22070, 5 μ l/Test, left) or ABflo® 647 Rabbit anti-Human Galectin 3 mAb (A23017, 5 μ l/Test, right).



Flow cytometry: 1×10^6 Human PBMC were intracellularly-stained with ABflo® 647 Rabbit anti-Human Galectin 3 mAb (A23017, 5 μ l/Test, orange line) or ABflo® 647 Rabbit IgG isotype control (A22070, 5 μ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry: 1×10^6 Human PBMC were intracellularly-stained with ABflo® 647 Rabbit IgG isotype control (A22070, 5 μ l/Test, left) or ABflo® 647 Rabbit anti-Human Galectin 3 mAb (A23017, 5 μ l/Test, right).