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ABflo® 647 Rabbit anti-Mouse S100A9 mAb

Catalog No.: A26916

Basic Information

Observed MW

Calculated MW

13kDa

Category

Primary antibody

Applications

FC (intra)

Cross-Reactivity

Mouse

CloneNo number

ARC69927-ABflo647

Conjugate

ABflo® 647. Ex:648nm. Em:664nm.

Background

Predicted to enable calcium ion binding activity and calcium-dependent protein binding activity. Involved in peptidyl-cysteine S-nitrosylation; positive regulation of blood coagulation; and regulation of translation. Acts upstream of or within several processes, including actin cytoskeleton reorganization; astrocyte development; and regulation of integrin biosynthetic process. Predicted to be located in cell junction; cytosol; and nucleoplasm. Predicted to be active in cytoplasm; extracellular space; and nucleus. Is expressed in several structures, including jaw; liver; otic capsule; skeleton; and spleen red pulp. Human ortholog(s) of this gene implicated in myocarditis. Orthologous to human \$100A9 (\$100 calcium binding protein A9).

Recommended Dilutions

FC (intra)

5 μl per 10^6 cells in 100 μl volume

Immunogen Information

Gene ID 20202

Swiss Prot

P31725

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-113 of mouse S100a9 (NP_033140.1).

Synonyms

p14; Cagb; GAGB; L1Ag; BEE22; MRP14; 60B8Ag

Contact

2		400-999-6126
\bowtie		cn.market@abclonal.com.cn
•	T	www.abclonal.com.cn

Product Information

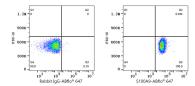
SourceIsotypePurificationRabbitIgGAffinity purification

Storage

Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.09% Sodium azide, 0.2% BSA, pH7.3.

Validation Data



Flow cytometry: 1×10^6 C57BL/6 mouse splenocytes were intracellularly-stained with ABflo® 647 Rabbit IgG isotype control (A22070,5 μ I/Test,Ieft) or ABflo® 647 Rabbit anti-Mouse S100A9 mAb (A26916,5 μ I/Test,right). Cells in the lymphocyte gate were used for analysis.