

ABflo® 488 Rabbit anti-Mouse S100A9 mAb

Catalog NO.: A26915 **1 Publications**

Basic Information

Observed MW

Calculated MW

13kDa

Category

Monoclonal Antibodies

Applications

FC (intra)

Cross-Reactivity

Mouse

Conjugation

ABflo® 488. Ex:491nm. Em:516nm.

Clone number

ARC69927

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 S100A9 (S100 calcium binding protein A9).

Recommended Dilutions

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

Immunogen Information

Gene ID

20202

Swiss Prot

P31725

Immunogen

Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms

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

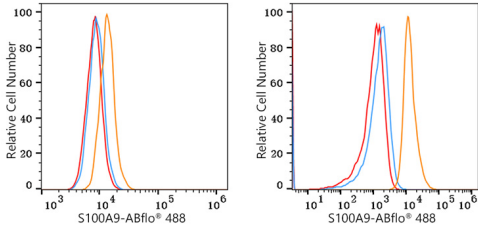
Contact

Product Information

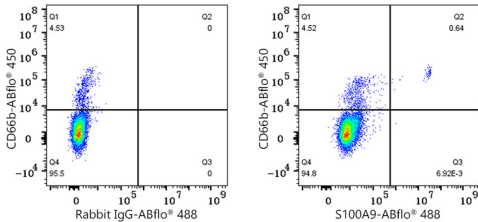
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Source	Isotype	Purification
Rabbit	IgG	Affinity purification
Storage		
Store at 2-8°C. Avoid freeze.		
Buffer: PBS with 0.09% Sodium azide,0.2% BSA,pH7.3.		

Validation Data



Flow cytometry: 1X10^6 RAW 264.7 cells (negative control,left) and C57BL/6 mouse splenocytes (right) were intracellularly-stained with ABflo® 488 Rabbit anti-Mouse S100A9 mAb (A26915,5 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 C57BL/6 mouse splenocytes were intracellularly-stained with ABflo® 450 Rabbit anti-Mouse CD11b mAb (A26229,5 µl/Test) and ABflo® 488 Rabbit IgG isotype control (A22069,5 µl/Test,left) or ABflo® 488 Rabbit anti-Mouse S100A9 mAb (A26915,5 µl/Test,right). Cells in the lymphocyte gate were used for analysis.

