

ABflo® 647 Rabbit anti-Mouse CD138/Syndecan-1 mAb

Catalog No.: A24154

Basic Information

Observed MW

Calculated MW

33kDa

Category

Primary antibody

Applications

IF-P, FC

Cross-Reactivity

Mouse

CloneNo number

ARC66008

Conjugate

ABflo® 647. Ex:648nm. Em:664nm.

Background

Predicted to enable identical protein binding activity and protein C-terminus binding activity. Involved in myoblast development. Acts upstream of or within canonical Wnt signaling pathway. Located in external side of plasma membrane. Is expressed in several structures, including alimentary system; egg cylinder; sensory organ; skin; and urinary system. Orthologous to human SDC1 (syndecan 1).

Recommended Dilutions

IF-P 1:50 - 1:200

FC 5 µl per 10⁶ cells in 100 µl volume

Immunogen Information

Gene ID

20969

Swiss Prot

P18828

Immunogen

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

Synonyms

Sstn; Synd; CD138; Synd1; syn-1

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

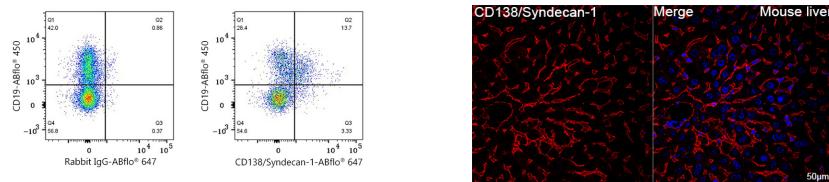
Affinity purification

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



1X106 C57BL/6 mouse bone marrow cells were surface-stained with ABflo® 450 Rabbit anti-Mouse CD19 mAb (A26192, 5 µl/Test) and ABflo® 647 Rabbit IgG isotype control (A22070, 5 µl/Test, left) or ABflo® 647 Rabbit anti-Mouse CD138/Syndecan-1 mAb (A24154, 5 µl/Test, right). Cells in the lymphocyte gate were used for analysis.

Confocal imaging of paraffin-embedded Mouse liver tissue using ABflo® 647 Rabbit anti-Mouse CD138/Syndecan-1 mAb (A24154, dilution 1:200). DAPI was used for nuclear staining (Blue). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.