Anti-SPARCL1 / SPARC-like 1 antibody

Catalog Number: 102126

Product name

Anti-SPARCL1 / SPARC-like 1 antibody

Specificity

Human SPARCL1 / MAST9
No cross-reactivity with Human cell lysate (293 cell line) in WB and ELISA.

Antibody description

Mouse monoclonal to SPARCL1 / SPARC-like 1

Preparation

This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with purified, recombinant Human SPARCL1 (rhSPARCL1; NP_004675.3; Met 1-Phe 664). The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography.

Formulation

0.2 μm filtered solution in PBS with 5% trehalose

Storage

This antibody can be stored at 2℃-8℃ for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20℃ to -80℃. Preservative-Free.
Sodium azide is recommended to avoid contamination (final concentration 0.05%-0.1%). It is toxic to cells and should be disposed of properly. Avoid repeated freeze-thaw cycles.

Clonality

Monoclonal

Ig Type

Mouse IgG1

Applications

ELISA, FCM, IF, ICC/IF

Dilutions

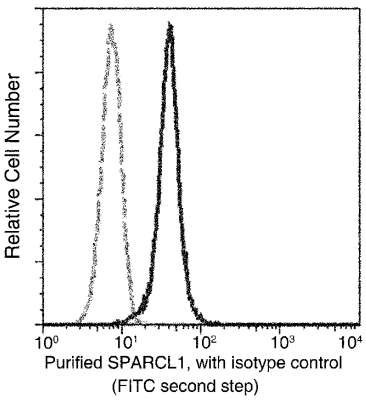
ELISA: 0.5-1 μg/mL

This antibody can be used at 0.5-1 μg/mL with the appropriate secondary reagents to detect Human SPARCL1. The detection limit for SPARCL1 is 0.0195 ng/well.

FCM: 0.5-2 μg/Test

ICC/IF: 10-25 μg/mL

Validations



SPARCL1 / MAST9 Antibody, Mouse MAb, Flow cytometric analysis

Flow cytometric analysis of Human SPARCL1 expression on HL60 cells. The cells were treated according to manufacturer's manual (BD Pharmingen™ Cat. No. 554714), stained with purified anti-Human SPARCL1, then a FITC-conjugated second step antibody. The fluorescence histograms were derived from gated events with the forward and side light-scatter characteristics of intact cells.

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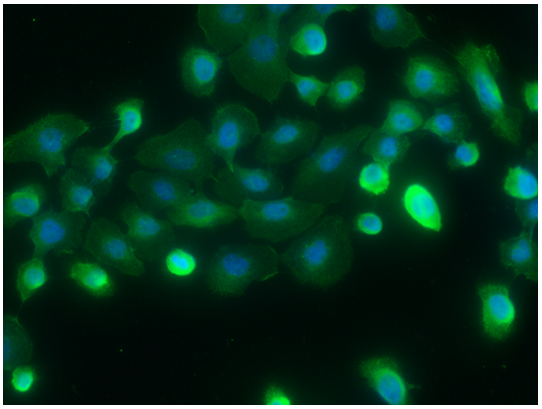

SPARCL1 / MAST9 Antibody, Mouse MAb,

Immunofluorescence

Immunofluorescence staining of Human SPARCL1 in A431 cells. Cells were fixed with 4% PFA, permeabilzed with 1% Triton X-100 in PBS, blocked with 10% serum, and incubated with mouse anti-Human SPARCL1 monoclonal antibody (15 µg/ml). Then cells were stained with the Alexa Fluor® 488-conjugated Goat Anti-mouse IgG secondary antibody, countstained with DAPI (blue). Positive staining was localized to cytoplasm.