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# PerCP/Cyanine5.5 Anti-Human CD138/Syndecan-1 Antibody[B-B4]

Catalog Number: E-AB-F1411J

Note: Centrifuge before opening to ensure complete recovery of vial contents.

#### Description

Reactivity Human Mouse Host

Isotype Mouse IgG1, ĸ

B-B4 Clone No.

PerCP/Cyanine5.5 Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792J] Isotype Control

PerCP/Cyanine 5.5 Conjugation

**Conjugation Information** PerCP/Cyanine5.5 is designed to be excited by the blue laser (488 nm) and detected

using an optical filter centered near 675 nm (e.g., a 690/50 nm bandpass filter).

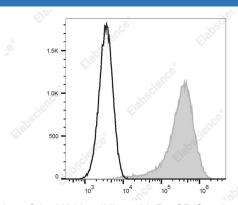
Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

#### **Applications** Recommended usage

**FCM** 

Each lot of this antibody is quality control tested by flow cytometric analysis. The amount of the reagent is suggested to be used 5 µL of antibody per test (million cells in 100 μL staining volume or per 100 μL of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.

#### Data



Staining of the U266 cell line with PerCP/Cyanine5.5 Anti-Human CD138/Syndecan-1 Antibody[B-B4] (filled gray histogram) or PerCP/Cyanine5.5 Mouse IgG1, κ Isotype Control (empty black histogram). Total viable cells were used for analysis.

### **Preparation & Storage**

Storage Keep as concentrated solution.

This product can be stored at 2-8°C for 12 months. Please protected from prolonged

exposure to light and do not freeze.

Shipping Ice bag

# **Antigen Information**

**Alternate Names** Syndecan-1 **Uniprot ID** P18827 Gene ID 6382

# For Research Use Only

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#### **Elabscience Bionovation Inc.**



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# **Background**

CD138, a member of the syndecan protein family, is a type I integral membrane heparin sulfate proteoglycan also known as Syndecan-1. Syndecan-1 participates in cell proliferation, cell migration, and cell-matrix adhesion via interaction with collagen, fibronectin, and other soluble molecules (such as FGF-basic). It is expressed on normal and malignant human plasma cells, pre-B cells, epithelial cells, and endothelial cells.