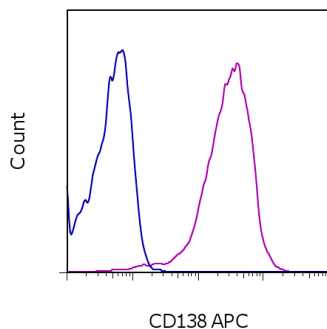


## Anti-Human CD138 (Syndecan-1) APC

**Catalog Number:** 17-1389

**RUO: For Research Use Only. Not for use in diagnostic procedures.**



Staining of U266 cells with Mouse IgG1 K Isotype Control APC (cat. 17-4714) (blue histogram) or Anti-Human CD138 (Syndecan-1) APC (purple histogram). Total viable cells were used for analysis.

### Product Information

**Contents:** Anti-Human CD138 (Syndecan-1) APC



**Catalog Number:** 17-1389

**Clone:** DL-101

**Concentration:** 5 µL (0.125 µg)/test

**Host/Isotype:** Mouse IgG1, kappa

**HLDA Workshop:** N/A



**Formulation:** aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer

**Temperature Limitation:** Store at 2-8°C. Do not freeze. Light-sensitive material.



**Batch Code:** Refer to vial



**Use By:** Refer to vial



**Contains sodium azide**

### Description

The DL-101 monoclonal antibody reacts with human CD138, also known as syndecan-1. CD138 is a transmembrane protein containing chondroitin sulfate and heparin sulfate moieties responsible for binding to the extracellular matrix components. CD138 is not expressed by mature B cells but is present on pre-B cells and the finally differentiated plasma cells.

### Applications Reported

This DL-101 antibody has been reported for use in flow cytometric analysis.

### Applications Tested

This DL-101 antibody has been pre-titrated and tested by flow cytometric analysis of the U266 cell line. This can be used at 5 µL (0.125 µg) per test. A test is defined as the amount (µg) of antibody that will stain a cell sample in a final volume of 100 µL. Cell number should be determined empirically but can range from 10<sup>5</sup> to 10<sup>8</sup> cells/test.

### References

Fitzgerald ML, Wang Z, Park PW, Murphy G, Bernfield M. Shedding of Syndecan-1 and -4 Ectodomains Is Regulated by Multiple Signalling Pathways and Mediated by a TMIP-3 Metalloproteinase. *J Cell Biol.* 2000 Feb 21;148(4):811-24.

Kainulainen V, Wang H, Schick C, Bernfield M. Syndecans, Heparan Sulfate Proteoglycans, Maintain the Proteolytic Balance of Wound Fluids. *J Biol Chem.* 1998 May 8;273(19):11563-9.

### Related Products

17-4714 Mouse IgG1 K Isotype Control APC (P3.6.2.8.1)

25-0199 Anti-Human CD19 PE-Cy7 (HIB19)

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