Purified Anti-Human CD138 Antibody[MI15]

catalog number: **AN010390P**

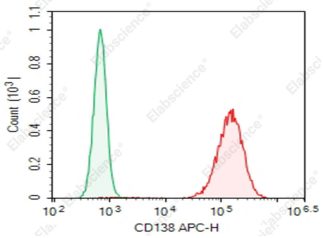
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human
Immunogen	Recombinant Human CD138 protein
Host	Mouse
Isotype	Mouse IgG1, κ
Clone	MI15
Purification	>98%, Protein A/G purified
Buffer	Phosphate-buffered solution, pH 7.2, containing 0.05% non-protein stabilizer. Dialyze to completely remove the stabilizer prior to labeling.

Applications	Recommended Dilution
FCM	≤ 0.2 μg per million cells in 100 μL volume

Data



U266 cells were stained with 0.2 μg Purified Anti-Human CD138 Antibody[MI15] (Right) and 0.2 μg Mouse IgG1, κ Isotype Control(Left), followed by APC-conjugated Goat Anti-Mouse IgG Secondary Antibody.

Preparation & Storage

Storage	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles.
Shipping	Ice bag

Background

CD138, also known as Syndecan-1, is a type I integral membrane heparin sulfate proteoglycan. As a member of the syndecan protein family, Syndecan-1 mediates multiple cellular processes, including migration, proliferation, and cell-matrix adhesion through interactions with collagen, fibronectin, and other soluble molecules (such as FGF-basic). It is expressed on normal and malignant plasma cells, pre-B cells, mesenchymal cells, epithelial cells, and endothelial cells.

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