

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

CD138 (DM45) RABBIT MAB

货号: 28336

产品全名: CD138(DM45) 兔单克隆抗体

基因符号 SDC1; Syndecan-1; CD138; SYND1; SDC 描述: CD138 antibody(DM45) 兔单克隆抗体

背景: Syndecan-1 (SYND1 or SDC1) is also known as CD antigen CD138; is a transmembrane (type I) heparan sulfate proteoglycan and is a member of the syndecan proteoglycan family. The syndecans mediate cell binding; cell signaling; and cytoskeletal organization and syndecan receptors are required for internalization of the HIV-1 tat protein. The syndecan-1: SDC1 protein functions as an integral membrane protein and participates in cell proliferation; cell migration and cell-matrix interactions via its receptor for extracellular matrix proteins. It is a useful marker for plasma cells; but only if the cells tested are already known to be derived from blood.

经过测试的应用: ELISA; Flow Cyt

推荐稀释比: ELISA 1:5000-10000; Flow Cyt 1:100

种属反应性: Rabbit 亚型: Rabbit IgG

纯化: Purified from cell culture supernatant by affinity chromatography

种属反应性: 人 CD138

成分: Lyophilized from sterile PBS, pH 7.4. 5 % – 8% trehalose is added as protectants before lyophilization.

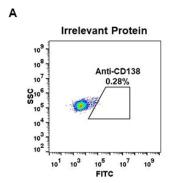
储存和运输: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a

month, aliquot and store at -80°C (Avoid repeated freezing and thawing).



Product Description

Pioneering GTPase and Oncogene Product Development since 2010



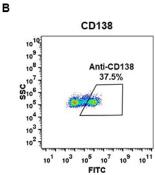


Figure 1. Expi 293 cell line transfected with irrelevant protein (A) and human CD138 (B) were surface stained with Rabbit anti-CD138 monoclonal antibody lµg/ml (clone: DM45) followed by Alexa 488-conjugated anti-rabbit IgG secondary antibody.

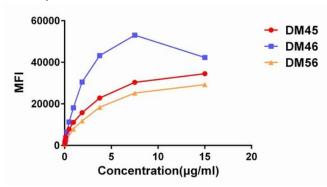


Figure 3. Affinity ranking of different Rabbit anti-CD138 mAb clones by titration of different concentration onto H929 cells. The Y-axis represents the mean fluorescence intensity (MFI) while the X-axis represents the concentration of IgG used.

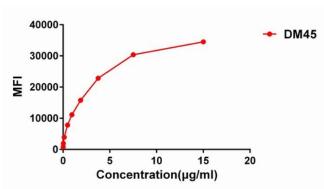


Figure 2. Flow cytometry data of serially titrated Rabbit anti-CD138 monoclonal antibody (clone: DM45) on H929 cells. The Y-axis represents the mean fluorescence intensity (MFI) while the X-axis represents the concentration of IgG used.