

Rabbit anti-Human CD138 Monoclonal Antibody | anti-CD138 antibody

Anti-CD138 antibody (DM45), Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA47286	Rabbit	Human	Flow Cytometry, Functional Assay, ELISA

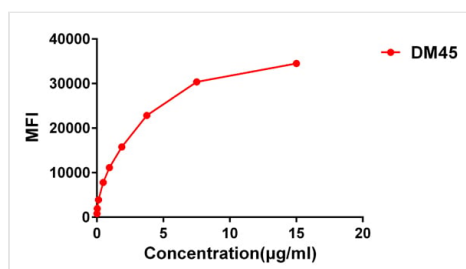
PRODUCT SYNONYMS

CD138; Monoclonal Antibody; Anti-CD138 antibody (DM45); Rabbit mAb; SDC1; Syndecan-1; SYND1; SDC; anti-CD138 antibody

PRODUCT SPECIFICATIONS

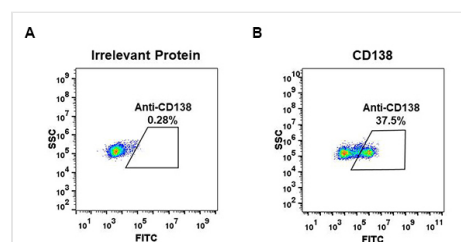
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	DM45
Purity/Purification	Purified from cell culture supernatant by affinity chromatography
Form/Format	Liquid. 50% Glycerol; PBS, pH7.4; 0.1% BSA; 0.1% Procline 300
Applicable Applications for anti-CD138 antibody	FCM/FACS (Flow Cytometry), ELISA
Immunogen	Recombinant human CD138 (Gln23-Gly254) produced by using human HEK293 cells
Reconstitution	Reconstitute with deionized water
Preparation and Storage	Store at -20 degree C for 12 months (Avoid repeated freezing and thawing)

IMAGES



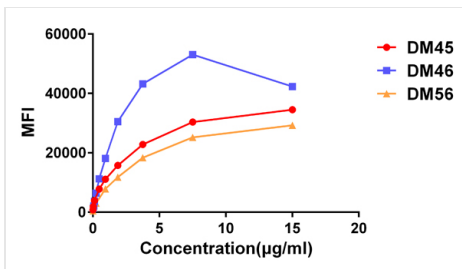
FCM/FACS (Flow Cytometry)

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.



FCM/FACS (Flow Cytometry)

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.



FCM/FACS (Flow Cytometry)

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.

ADDITIONAL INFORMATION

Related Product Information for anti-CD138 antibody

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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	55749480
NCBI GeneID	6382
NCBI Accession #	NP_001006947.1
NCBI GenBank Nucleotide #	NM_001006946.1
UniProt Accession #	P18827; Q53QV0; Q546D3; Q96HB7; D6W523; AAB21434; AAB23935
Molecular Weight	32,462 Da
NCBI Official Full Name	syndecan-1
NCBI Official Synonym Full Names	syndecan 1
NCBI Official Symbol	SDC1
NCBI Official Synonym Symbols	SDC; CD138; SYND1; syndecan
NCBI Protein Information	syndecan-1; CD138 antigen; syndecan proteoglycan 1; heparan sulfate proteoglycan fibroblast growth factor receptor
UniProt Protein Name	Syndecan-1
UniProt Gene Name	SDC1
UniProt Synonym Gene Names	SDC; SYND1
UniProt Entry Name	SDC1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd138-antibody-clone-dm45-flow-cytometry-elisa/47286>