

PRODUCT INFORMATION

Clone ID	DM45
Target	CD138
Synonyms	SDC1; Syndecan-1; CD138; SYND1; SDC
Host Species	Rabbit
Description	PE-conjugated Anti-CD138 antibody(DM45); Rabbit mAb
Delivery	3-4 weeks
Uniprot ID	P18827
IgG type	Rabbit IgG
Clonality	Monoclonal
Reactivity	Human
Applications	Flow Cyt
Recommended Dilutions	Flow Cyt 1:100
Purification	Purified from cell culture supernatant by affinity chromatography
Formulation & Reconstitution	Liquid□PBS with 0.05% Proclin300, 1% BSA
Storage & Shipping	Store at 2°C-8°C for 6 months
Background	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.
Usage	Research use only
Conjugate	PE-conjugated

