

Anti-Syndecan 1 Antibody [rSDC1/6866] (A277915)

Specifications:

Name:	Anti-Syndecan 1 Antibody [rSDC1/6866]
Description:	Recombinant mouse monoclonal [rSDC1/6866] antibody to Syndecan 1.
Specificity:	CD138, also designated syndecan-1, is a member of the syndecan family of four transmembrane spanning proteins capable of binding to heparan sulfate and chondroitin sulfate molecules. The syndecans main functions are to control cell growth and differentiation as well as to maintain cell adhesion and cell migration. Under normal conditions CD138 is predominantly expressed on mature plasma cells and early preB-cells, while other haematolymphoid cells are negative. Various types of epithelial cells are also CD138 positive. Squamous epithelial cells show strong membranous and some cytoplasmic staining, except for the mature superficial squamous epithelial cells which are unstained. Mature mesenchymal and neural tissues are not stained. Among haematolymphoid neoplasms, CD138 is expressed in practically all cases of plasma cell malignancies. Among non-haematolymphoid neoplasms the expression of CD138 is found in various types of carcinoma.
Applications:	Flow Cytometry, IHC-P
Recommended Dilutions:	Flow Cytometry: 1-2 µg/million cells, IHC-P: 1-2 µg/ml
Reactivity:	Human
Immunogen:	Recombinant fragment, around amino acids 200-300, of human Syndecan 1 protein. The exact sequence is proprietary.
Host:	Mouse
Clonality:	Monoclonal
Clone ID:	rSDC1/6866
Isotype:	IgG1
Light Chains:	kappa
Conjugate:	Unconjugated
Purification:	Protein A/G chromatography.
Concentration:	200 µg/ml
Product Form:	Liquid
Formulation:	Supplied in 10mM Phosphate Buffered Saline with 0.05% BSA and 0.05% Sodium Azide.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

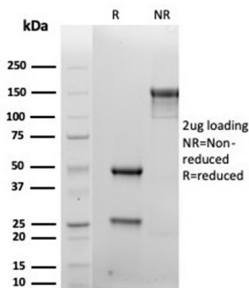
Anti-Syndecan 1 Antibody [rSDC1/6866] (A277915)

Specifications continued:

General Notes: This monoclonal antibody is also available in a different formulation without BSA and Sodium Azide - Anti-Syndecan 1 Antibody [rSDC1/6866] - BSA and Azide free (A278503).

Disclaimer: This product is for research use only. It is not intended for diagnostic or therapeutic use.

Images:



SDS-PAGE analysis of Anti-Syndecan 1 Antibody [rSDC1/6866] under non-reduced and reduced conditions; showing intact IgG and intact heavy and light chains, respectively. SDS-PAGE analysis confirms the integrity and purity of the antibody.