

Anti-Syndecan 1 Antibody [SDC1/7180] - BSA and Azide free (A278377)

Specifications:

Name:	Anti-Syndecan 1 Antibody [SDC1/7180] - BSA and Azide free
Description:	Mouse monoclonal [SDC1/7180] 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:	IHC-P
Recommended Dilutions:	IHC-P: 1-2 µg/ml
Reactivity:	Human
Immunogen:	Recombinant fragment, around amino acids 90-250, of human Syndecan 1. The exact sequence is proprietary.
Host:	Mouse
Clonality:	Monoclonal
Clone ID:	SDC1/7180
Isotype:	IgG1
Light Chains:	kappa
Conjugate:	Unconjugated
Purification:	Protein A/G chromatography.
Concentration:	1 mg/ml
Product Form:	Liquid
Formulation:	Supplied in 10mM Phosphate Buffered Saline; without Sodium Azide and carrier free.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

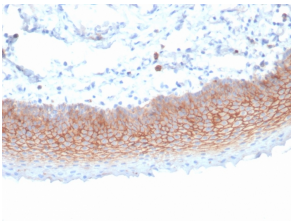
Anti-Syndecan 1 Antibody [SDC1/7180] - BSA and Azide free (A278377)

Specifications continued:

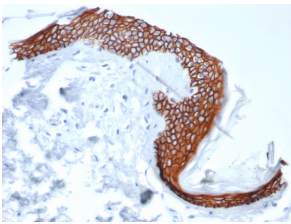
General Notes: This monoclonal antibody is also available in a different formulation with BSA and Sodium Azide - Anti-Syndecan 1 Antibody [SDC1/7180] (A277789).

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

Images:



Immunohistochemical analysis of formalin-fixed, paraffin-embedded human tonsil tissue using Anti-Syndecan 1 Antibody [SDC1/7180].



Immunohistochemical analysis of formalin-fixed, paraffin-embedded human tonsil tissue using Anti-Syndecan 1 Antibody [SDC1/7180].