

Mouse Monoclonal Antibody to SDC1

Catalogue Number	sAP-0892
Target Molecule	<p>Name: SDC1</p> <p>Aliases: SDC; CD138; SYND1; syndecan</p> <p>MW: 32.5kDa</p> <p>Entrez Gene ID: 6382</p>
Description	<p>The protein encoded by this gene 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 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. Altered syndecan-1 expression has been detected in several different tumor types. While several transcript variants may exist for this gene, the full-length natures of only two have been described to date. These two represent the major variants of this gene and encode the same protein. ; ; ; ;</p>
Immunogen	Purified recombinant fragment of human SDC1 (AA: 28-171) expressed in E. Coli.
Reactive Species	Human; Mouse;
Clone	MM1A3H4;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide.
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000; ICC: 1 to 200 - 1 to 1000; FCM: 1 to 200 - 1 to 400
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Am J Clin Pathol. 2012 Mar;137(3):423-8. ; 2. PLoS One. 2011;6(9):e25252. ;

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**