

	<h1>SDC1 Mouse mAb</h1>	E 2 2 2 0 9 1 1
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Swiss-Prot No.:	P18827
Altername:	SDC1
Storage/Stability:	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
Immunogen:	Purified recombinant fragment of human SDC1 (AA: 28-171) expressed in E. Coli.
Purification:	Affinity purified
Reactivity:	Human,Mouse
Other Names:	SDC; CD138; SYND1; syndecan
Background:	<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</p>

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	same protein.
Gene ID:	6382
Cellular localization:	Membrane, Secreted
Source:	Mouse
Antibody type:	Monoclonal antibody
Isotype:	Mouse IgG1
Molecular Weight:	32.5kDa
Preservative:	Purified antibody in PBS with 0.05% sodium azide.
Recommended Dilutions:	WB: 1/500 - 1/2000; IHC: 1/200 - 1/1000; ICC: 1/200 - 1/1000; FCM: 1/200 - 1/400; Elisa: 1/10000
Clone Number:	1A3H4