

## CAB23249

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### Product Information

<b>Product SKU:</b>	CAB23249	<b>Gene ID:</b>	6382	<b>Size:</b>	20uL, 100uL
<b>Clone No:</b>	ARC60160	<b>Host Species:</b>	Rabbit	<b>Reactivity:</b>	Human

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### Additional Information

<b>Observed MW:</b>	180-250kDa	<b>Conjugate:</b>	Unconjugated
<b>Calculated MW:</b>	32kDa	<b>Isotype:</b>	IgG

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### Immunogen Information

**Background:** 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 nature of only two have been described to date. These two represent the major variants of this gene and encode the same protein.

**Recommended Dilution:** WB,1:500 - 1:1000

**Synonyms:** SDC; CD138; SYND1; syndecan; CD138/Syndecan-1

**Purification Method:** Affinity purification

**Immunogen:** Recombinant protein of human CD138/Syndecan-1.

**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,0.05% BSA,50% glycerol,pH7.3.