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# Anti-Monkey CD138 mAb

**Catalog No.: A28752**

## Basic Information

**Observed MW**

**Calculated MW**
32 kDa

**Category**
Primary antibody

**Applications**
IHC-P

**Cross-Reactivity**
Cynomolgus monkey

**CloneNo number**
ARC5255-01

## 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 natures of only two have been described to date. These two represent the major variants of this gene and encode the same protein.

## Recommended Dilutions

| | |
|---|---|
| **IHC-P** | 1:500 - 1:2000 |

## Immunogen Information

**Gene ID**
6382

**Swiss Prot**
P18827

**Immunogen**
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

**Synonyms**
SDC; CD138; SYND1; syndecan

## Contact


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## Product Information

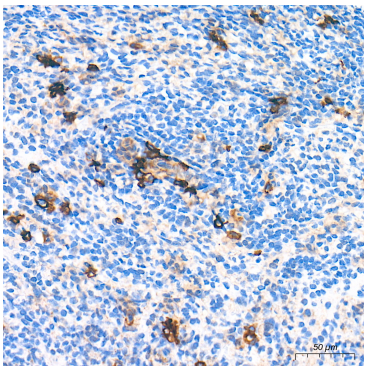
**Source**
Rabbit

**Isotype**
IgG

**Purification**
Affinity purification

**Storage**
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.09% Sodium azide,0.05% BSA,50% glycerol,pH7.3.

## Validation Data




Immunohistochemistry analysis of paraffin-embedded Cynomolgus monkey spleen tissue using Anti-Monkey CD138 mAb (A28752) at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



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