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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

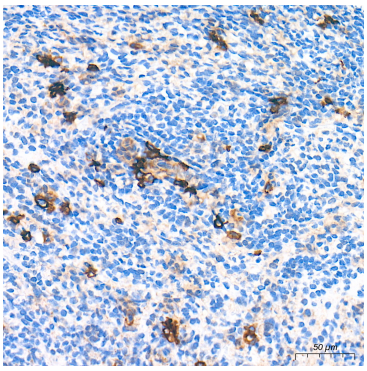
Source
Rabbit

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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