Leader in Biomolecular Solutions for Life Science

www.abclonal.com

CD138 Rabbit mAb

Catalog No.: A25635 Recombinant

Basic Information

Observed MW
Refer to figures

Calculated MW
32kDa

Category
Primary antibody

Applications
ELISA,IHC-P,FC

Cross-Reactivity
Human

CloneNo number
ARC68246

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	1:1000 - 1:5000
FC	1:50 - 1:200

Immunogen Information

Gene ID
6382

Swiss Prot
P18827

Immunogen
Recombinant fusion protein containing a sequence corresponding to amino acids 23-251 of human CD138 (NP_002988.4).

Synonyms
SDC; CD138; SYND1; syndecan

Contact

400-999-6126

cn.market@abclonal.com.cn

www.abclonal.com.cn

Product Information

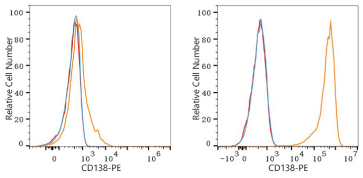
Source
Rabbit

Isotype
IgG

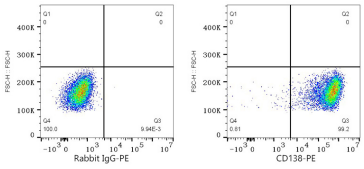
Purification
Affinity purification

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

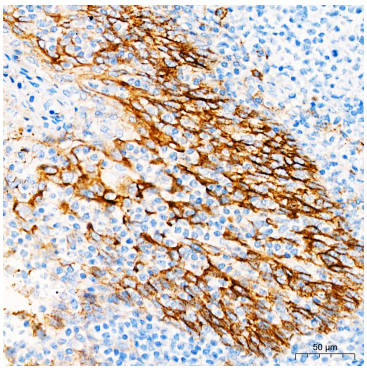
Validation Data



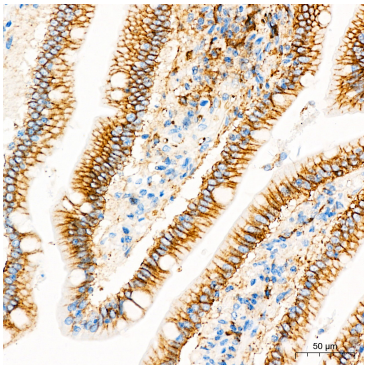
Flow cytometry: 1X10^6 HEL cells (negative control,left) and U266 cells (right) were surface-stained with CD138 Rabbit mAb (A25635,2 µg/mL,orange line) or Rabbit IgG isotype control (AC042,2 µg/mL,blue line), followed by PE Donkey anti-Rabbit pAb staining. Non-fluorescently stained cells were used as blank control (red line).



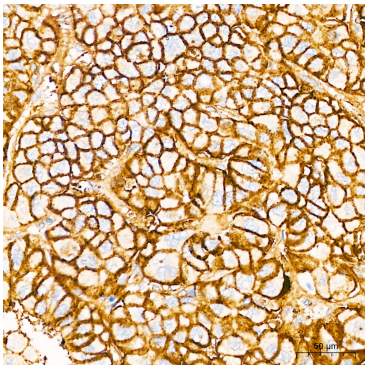
Flow cytometry: 1X10^6 U266 cells were surface-stained with Rabbit IgG isotype control (AC042,2 µg/mL,left) or CD138 Rabbit mAb (A25635,2 µg/mL,right), followed by PE Donkey anti-Rabbit pAb staining.



Immunohistochemistry analysis of CD138 in paraffin-embedded Human tonsil tissue using CD138 Rabbit mAb (A25635) at a dilution of 1:2000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer(pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of CD138 in paraffin-embedded Human small intestine tissue using CD138 Rabbit mAb (A25635) at a dilution of 1:2000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer(pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of CD138 in paraffin-embedded Human liver cancer tissue using CD138 Rabbit mAb (A25635) at a dilution of 1:2000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer(pH 9.0) prior to IHC staining.