# Syndecan-1 / CD138 antibody [1A3H4]

## Cat. No. GTX00451

| | |
|---|---|
| **Host** | Mouse |
| **Clonality** | Monoclonal |
| **Isotype** | IgG1 |
| **Applications** | WB, ICC/IF, IHC-P, FCM, ELISA |
| **Reactivity** | Human, Mouse |

References ( 1 )
Package
100 µl

## Applications

**Application Note**

*Optimal dilutions/concentrations should be determined by the researcher.

| Suggested dilution | Recommended dilution |
|---|---|
| WB | 1:200-1:1000 |
| ICC/IF | 1:200-1:1000 |
| IHC-P | 1:200-1:1000 |
| FCM | 1:200-1:400 |
| ELISA | 1:10000 |

Not tested in other applications.

**Calculated MW** 32 kDa. ( Note )

## Properties

| | |
|---|---|
| **Form** | Liquid |
| **Buffer** | PBS |
| **Preservative** | 0.05% Sodium azide |
| **Storage** | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4ºC. For long-term storage, aliquot and store at -20ºC or below. Avoid multiple freeze-thaw cycles. |
| **Concentration** | Batch dependent (Please refer to the vial label for the specific concentration.) |
| **Immunogen** | A recombinant fragment of human SDC1 (AA: 28-171) expressed in E. coli. |
| **Purification** | Purified by antigen-affinity chromatography |
| **Conjugation** | Unconjugated |

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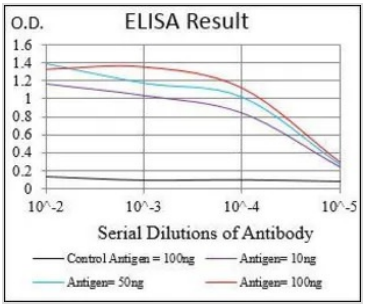
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**Note**

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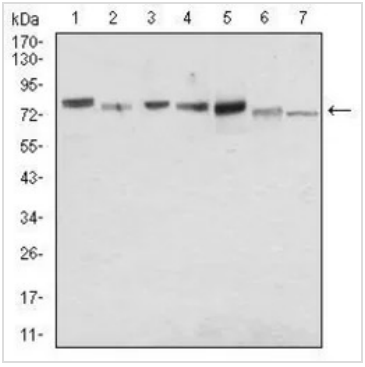
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## DATA IMAGES



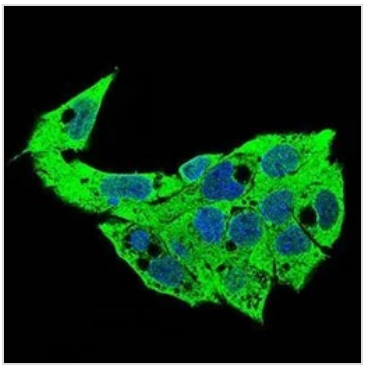

**GTX00451 ELISA Image**

ELISA analysis of antigen using GTX00451 Syndecan-1 / CD138 antibody [1A3H4].
Black : Control antigen 100ng
Purple : Antigen 10ng
Blue : Antigen 50ng
Red : Antigen 100ng




**GTX00451 WB Image**

WB analysis of various samples using GTX00451 Syndecan-1 / CD138 antibody [1A3H4].
Lane 1 : MCF-7 cell lysate
Lane 2 : HeLa cell lysate
Lane 3 : HepG2 cell lysate
Lane 4 : T47D cell lysate
Lane 5 : SW620 cell lysate
Lane 6 : Jurkat cell lysate
Lane 7 : NIH/3T3 cell lysate



**GTX00451 ICC/IF Image**

ICC/IF analysis of HepG2 cells using GTX00451 Syndecan-1 / CD138 antibody [1A3H4].
Green : Primary antibody
Blue: DRAQ5 fluorescent DNA dye

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