

## Product Datasheet

### CD138 Antibody (C-term) (Ascites) (orb652175)

<b>Catalog Number</b>	orb652175
<b>Category</b>	Antibodies
<b>Description</b>	Mouse monoclonal antibody to Syndecan 1
<b>Target</b>	SDC1
<b>Clonality</b>	Monoclonal
<b>Species/Host</b>	Mouse
<b>Isotype</b>	IgM
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human
<b>Form/Appearance</b>	Mouse monoclonal antibody supplied in crude ascites with 0.09% (W/V) sodium azide.
<b>Immunogen</b>	Synthetic Peptide
<b>UniProt ID</b>	<b>P18827</b>
<b>MW</b>	32462
<b>Tested applications</b>	FC, IF, WB
<b>Dilution range</b>	WB: 1:500-8000
<b>Specificity</b>	This CD138 antibody is generated from mice immunized with a KLH conjugated synthetic peptide between 210-238 amino acids from the C-terminal region of human CD138.

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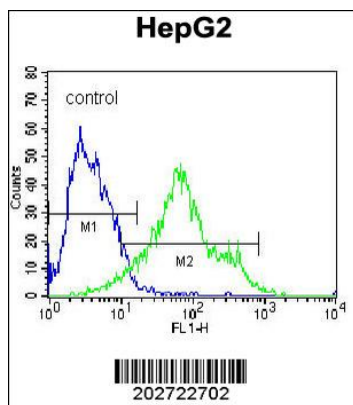
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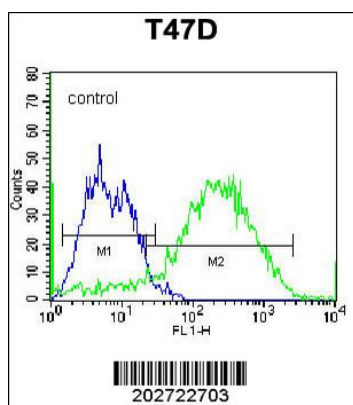
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<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.



CD138 Antibody (C-term) (Ascites) flow cytometric analysis of HepG2 cells (right histogram) compared to a negative control cell (left histogram). Alexa Fluor 488-conjugated donkey anti-mouse IgG secondary antibodies were used for the analysis



CD138 Antibody (C-term) (Ascites) flow cytometric analysis of T47D cells (right histogram) compared to a negative control cell (left histogram). Alexa Fluor 488-conjugated donkey anti-mouse IgG secondary antibodies were used for the analysis

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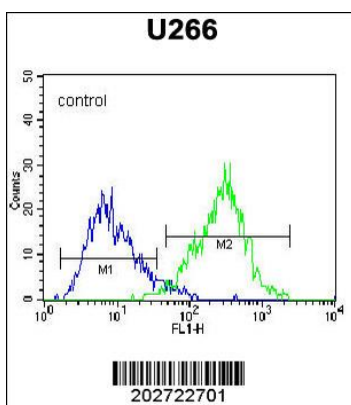
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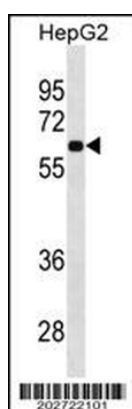
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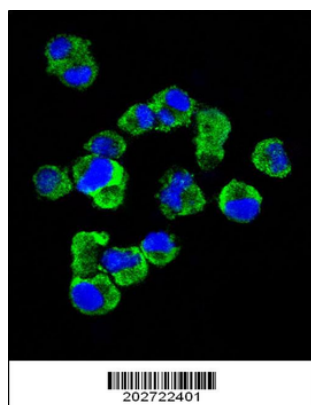
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CD138 Antibody (C-term) (Ascites) flow cytometric analysis of U266 cells (right histogram) compared to a negative control cell (left histogram). Alexa Fluor 488-conjugated donkey anti-mouse IgG secondary antibodies were used for the analysis



CD138 Antibody (C-term) (Ascites) western blot analysis in HepG2 cell line lysates (35 µg/lane). This demonstrates the CD138 antibody detected the CD138 protein (arrow).



Confocal immunofluorescent analysis of CD138 Antibody (C-term) (Ascites) with U266 cell followed by Alexa Fluor 488-conjugated goat anti-mouse IgG (green). DAPI was used to stain the cell nuclear (blue).

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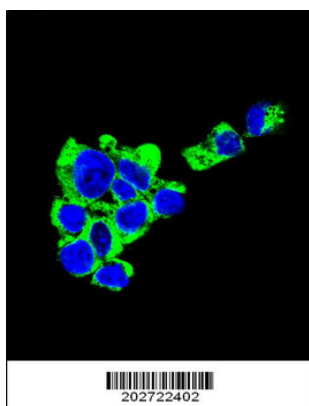
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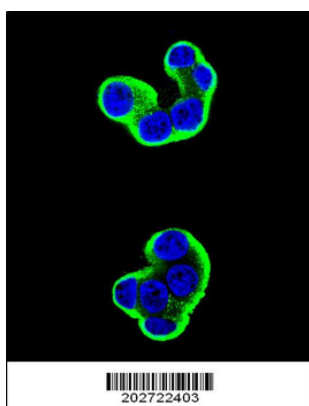
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Confocal immunofluorescent analysis of CD138 Antibody (C-term) (Ascites) with HepG2 cell followed by Alexa Fluor 488-conjugated goat anti-mouse IgG (green). DAPI was used to stain the cell nuclear (blue).



Confocal immunofluorescent analysis of CD138 Antibody (C-term) (Ascites) with T47D cell followed by Alexa Fluor 488-conjugated goat anti-mouse IgG (green). DAPI was used to stain the cell nuclear (blue).

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