

# Product Datasheet

## Syndecan-1/CD138 Antibody (MI15) NBP1-54523-0.05mg

Unit Size: 0.05 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP1-54523-0.05mg**

Syndecan-1/CD138 Antibody (MI15)

<b>Product Information</b>	
<b>Unit Size</b>	0.05 mg
<b>Concentration</b>	1.0 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	MI15
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG1 Kappa
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS (pH 7.2) and 50% Glycerol
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	6382
<b>Gene Symbol</b>	SDC1
<b>Species</b>	Human
<b>Immunogen</b>	Mouse myeloma cell Sp2/0 with Balb/c mouse splenocyte immunized with XG1 and U266 myeloma cell lines.
<b>Product Application Details</b>	
<b>Applications</b>	Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Flow Cytometry 10-20 ug/ml, Immunohistochemistry 1-5 ug/ml, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin 1:10 -1:500
<b>Application Notes</b>	For Flow Cytometry: Heat treatment is necessary for paraffin embedded sections. Microwave oven; 2 times for 10 minutes each in 10 mM citrate buffer (pH 6.5). Use in ICC/IF was reported in the scientific literature (PMID: 23807541).

**Publications**

Szabo S, Xu Y, Romero R et al. Changes of placental syndecan-1 expression in preeclampsia and HELLP syndrome. Virchows Arch 2013-06-27 [PMID: 23807541] (IF/IHC, ICC/IF, Human)





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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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