

### 30-2499: Anti-N-sulfated heparan sulfate Antibody (Clone : HepSS-1)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	HepSS-1
<b>Application :</b>	WB, ICC, FACS , IHC, IP
<b>Reactivity :</b>	Species independent
<b>Format :</b>	Purified
<b>Alternative Name :</b>	N-sulfo-rich heparan sulfate
<b>Isotype :</b>	Mouse IgM
<b>Immunogen Information :</b>	MethA murine fibrosarcoma

#### Description

Heparan sulfate (HS) proteoglycans are expressed on cell surfaces and in the extracellular matrix, and take part in developmental, regenerative, as well as pathological processes. By interaction with extracellular matrix components, growth factors, enzymes, and their inhibitors, they regulate and influence tissue distribution of the cells and biological activities of the proteins. N-sulfated heparan sulfate proteoglycans are located in specific microdomains in the plasma membrane, independent on those formed around N-acetyl-rich heparan sulfate, and play different role in the cell signaling.

**Specificity :** The mouse monoclonal antibody HepSS-1 (also known as HepSS1) recognizes N-sulfated heparan sulfate (extracellular antigen) present in many species.

#### Product Info

<b>Amount :</b>	0.1 mg
<b>Purification :</b>	Purified by protein-A affinity chromatography
<b>Content :</b>	1 mg/ml
	Formulation : Tris buffered saline (TBS) solution with 15 mM sodium azide
<b>Storage condition :</b>	Store at 2-8°C. Do not freeze.

#### Application Note

Flow cytometry: Recommended dilution: 1-5 Åµg/ml.

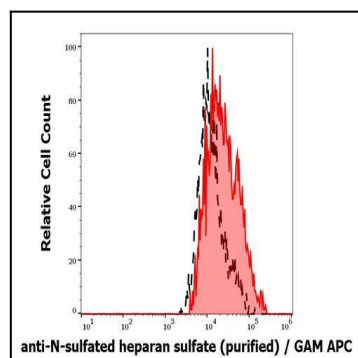


Figure 1 : Separation of HUVEC cells stained using anti-N-sulfated heparan sulfate (HepSS-1) purified antibody (concentration in sample 9 Åµg/ml, GAM APC, red-filled) from HUVEC cells unstained by primary antibody (GAM APC, black-dashed) in flow cytometry analysis (surface staining).