

## Heparan Sulfate antibody [10E4]

Cat. No. GTX20073

<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgM
<b>Applications</b>	WB, ICC/IF, FCM, ELISA, IHC
<b>Reactivity</b>	Species independent

References ( 4 )

Package

50 µg

## Applications

## Application Note

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

Suggested dilution	Recommended dilution
WB	Assay dependent
ICC/IF	Assay dependent
FCM	1:100-1:200 (0.5-1µg labels ~10 <sup>5</sup> cells)
ELISA	1:100-1:500
IHC	1:50-1:100

Not tested in other applications.

## Product Note

Recognizes an epitope present in many types of human heparan sulfate. The epitope includes N-sulfated glucosamine residues that are critical for the reactivity of the antibody. Does not react with hyaluronan, chondroitin sulfate, dermatan sulfate, keratan sulfate or DNA. Reactivity with most heparan sulfates is nearly completely abolished after treatment of the glycosaminoglycan with bacterial heparitinase (Flavobacterium heparinum, EC 4.2.2.8).

## Properties

<b>Form</b>	Liquid
<b>Buffer</b>	PBS
<b>Preservative</b>	0.02% Sodium azide
<b>Storage</b>	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
<b>Concentration</b>	Batch dependent (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	Liposome-incorporated membrane heparan sulfate proteoglycan from human fetal lung fibroblasts.
<b>Purification</b>	Purified by tangential ultrafiltration
<b>Conjugation</b>	Unconjugated



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