Heparan Sulfate antibody [10E4]

Cat. No. GTX20073

Host	Mouse
Clonality	Monoclonal
Isotype	IgM
Applications	WB, ICC/IF, FCM, ELISA, IHC
Reactivity	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 ~10^5 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

Form	Liquid
Buffer	PBS
Preservative	0.02% 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	Liposome-incorporated membrane heparan sulfate proteoglycan from human fetal lung fibroblasts.
Purification	Purified by tangential ultrafiltration
Conjugation	Unconjugated

For full product information, images and publications, please visit our website.

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