



Monoclonal Anti-Heparan Sulfate Proteoglycan (Perlecan)

Code: 270804

Lot.: 03101

Size: 0.2mg/vial

Description

Clone	HK-102
Isotype	Rat IgG2a, κ-chain
Physical state	Liquid
Buffer	Phosphate buffered-saline (-) (PBS(-))
Stabilizer	None
Preservative	0.02% sodium azide
Purification	Purified by Protein G-affinity chromatography
Concentration	1.0mg/mL (Immunoglobulin fractions)
Package size	200µL/vial
Immunogen	Heparan sulfate proteoglycans (HSPGs) extracted from the Engelbreth-Holm-Swarm (EHS) mouse tumor

Specificity:

Recognition;	It recognizes specifically the core protein moiety of low density-HSPG (Perlecan) /mouse.
Comment;	This antibody is useful for investigating the distribution and possible functions of HSPGs.

Recommend Applications: the exact dilution must be determined by the researcher.

Immunohistochemistry	Paraffin section; 1: 50-100
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Storage: Stored at 4°C until opened. Diluted material should be used within a week.
Avoid repeated freezing and thawing.

References:

- 1) M.Kato, Y.Koike, S.Suzuki and K.Kimata; Basement Membrane Proteoglycans in Various Tissues: Characterization Using Monoclonal Antibodies to the Engelbreth-Holm-Swarm Mouse Tumor Low Density Heparan Sulfate Proteoglycan. *J. Cell Biology.*, **106**: 2203-2210 (1988)
- 2) A.Snow, H.Mar, D.Noehlin, K.Kimata, M.Kato, S.Suzuki, J.Hassell and T.Wight; The Presence of Heparan Sulfate Proteoglycans in the Neuritic Plaques and Congophilic Angiopathy in Alzheimer's Disease. *Am. J. Pathol.*, **133**: 456-463 (1988).

Note: For *in vitro* research use only, not for diagnostic or therapeutic use. This product is not medical device.