
Perlecan (A74) Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 250259

Unit: 0.2 mg

Description:

Perlecan is an extracellular matrix proteoglycan. It has a large core protein of 400-450 kDa and is often produced with heparan sulfate side chains. Perlecan is found in basement membranes where it contributes to the permeability characteristics, serves as a substrate for vascular cells and binds growth factors involved in vascular remodelling. This antibody is highly specific for perlecan. There is no evidence for cross-reactivity with other connective tissue proteins (vitronectin, fibronectin, elastin, collagen, laminin). This antibody reacts with bovine and human perlecan. Other species have not been tested. The epitope is located in the domain V (C-term region) of Perlecan.

Isotype: Mouse IgG1

Applications: E, IHC, IP, WB

Species Reactivity: B, H

Format: Each vial contains 0.2 mg IgG in 0.2 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-A/G affinity chromatography.

Alternate Names: HSPG; PLC; Basement membrane-specific heparan sulfate proteoglycan core protein [precursor]; Perlecan

Accession No.: P98160

Antigen: Bovine corneal endothelial cells

Application Notes: Product Cat. No. 250259 can be used in immunoprecipitation, ELISA and immunostaining of frozen PLP-fixed sections of bovine and human tissues. Product Cat. No. 250259 can be used in affinity chromatography, in conjunction with Product Cat. No. 250258 to separate recombinant domain I from full length perlecan. E: 1:4,000; WB: 1:100; IHC: 1:100

Storage: Store at 4°C. Product is guaranteed 6 months from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.