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Datasheet for ABIN870827 **anti-HSPG antibody**

Overview

Quantity:	100 µg
Target:	HSPG
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This HSPG antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Clone:	2E2-B5
Isotype:	IgG1 kappa
Specificity:	<p>Monoclonal Ab 2E2/B5 is specific for a core protein epitope of a human small basement membrane heparan sulfate proteoglycan (HS-PG). mAb 2E2/B5 recognizes an epitope different from that recognized by mAb 1F10/B8 and mAb 2H7/G11. Whereas previously perlecan was the only known basement membrane HS-PG, there is now evidence that at least two other basement membrane HS-PG exist: Agrin, originally discovered as an important component of the neuromuscular junction, and a novel small HS-PG which was isolated from human aorta and kidney. This HS-PG, with a molecular weight of 80-200 kDa (aorta) and 30-160 kDa (kidney) and a core protein size of 24 kDa or 22 kDa, respectively, was localized by immunohistochemistry to the basement membrane. Amino acid sequence analysis of tryptic peptides indicate, that this small HS-PG is clearly distinct from perlecan and agrin.</p>
Purification:	Purified human small basement membrane heparan sulfate proteoglycan (HS-PG). Protein G

Product Details

purified.

Target Details

Target: HSPG

Alternative Name: Heparan-Sulfate-Proteoglycan ([HSPG Products](#))

Application Details

Application Notes: ELISA (less than 1 µg/ml), Western Blot (1 µg/ml), immunohistochemistry (1 µg/ml) This antibody has not been tested for use in all applications. This does not necessarily exclude its use for non-tested procedures. The stated dilutions are recommendations only.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Resuspend in aqua bidest.

Buffer: 50 mM TRIS pH 7.4

Storage: 4 °C