Datasheet for ABIN199269

anti-HSPG2 antibody (Domain 5)

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Overview

Quantity:	100 µL
Target:	HSPG2
Binding Specificity:	Domain 5
Reactivity:	Human, Cow
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This HSPG2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunoprecipitation (IP), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	Bovine corneal endothelial cells. Epitope: domain V. Type of Immunogen: Cells
Isotype:	IgG1 kappa
Specificity:	Highly specific for bovine perlecan. There is no evidence for cross-reactivity with other connective tissue proteins (vitronectin, fibronectin, elastin, collagen, laminin). Species cross-reactivity: human.
Purification:	Protein A/G purified

Target Details

Target:	HSPG2
Alternative Name:	HSPG2 / Perlecan (HSPG2 Products)
Background:	Name/Gene ID: HSPG2 Synonyms: HSPG2, Endorepellin (domain V region), HSPG, Heparan sulfate proteoglycan 2, Perlecan, Perlecan proteoglycan, SJA, SJS1, PRCAN, SJS
Gene ID:	3339
UniProt:	P98160
Pathways:	Glycosaminoglycan Metabolic Process, Lipid Metabolism

Application Details

Application Notes:	Approved: ELISA (1:2000), IHC, IHC-Fr, IP, WB (1:50) Usage: Suitable for use in ELISA, Western Blot, Immunohistochemistry, and Immunoprecipitation. Can also be used in affinity chromatography, in conjunction with clone 6F165 to separate recombinant domain I from full length perlecan. ELISA: 1:2000. Western Blot: 1:50. Immunohistochemistry: 1:50. Frozen PLP-fixed sections of bovine and human tissues.
Comment:	Target Species of Antibody: Bovine
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, pH 7.4, 15 mM sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid freeze-thaw cycles.
Storage:	4 °C,-20 °C
Storage Comment:	Short term: 4°C. Long term: Store at -20°C. Avoid freeze-thaw cycles.