Product Datasheet

Endorepellin/Perlecan/Heparan Sulfate Proteoglycan Antibody (SPM255) [DyLight 755]
NBP3-11461IR

Unit Size: 0.1 ml

Store at 4C in the dark.

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Endorepellin/Perlecan/Heparan Sulfate Proteoglycan Antibody (SPM255) [DyLight 755]

Product Information

Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	SPM255
Preservative	0.05% Sodium Azide
Isotype	IgG2a Kappa
Conjugate	DyLight 755
Purity	Protein A or G purified
Buffer	50mM Sodium Borate

Product Description

Host	Rat
Gene ID	3339
Gene Symbol	HSPG2
Species	Human, Mouse, Porcine, Bovine, Fish, Monkey
Specificity/Sensitivity	This monoclonal antibody specifically precipitates heterogeneous material of high MW, identified as perlecan, a major heparan-sulfate proteoglycan (HSPG) within all basement membranes and cell surfaces. It does not cross-react with laminin, fibronectin, or dermatran sulfate proteoglycan. Because of perlecans strategic location and ability to store and protect growth factors, it has been strongly implicated in the control of tumor cell growth and metastatic behavior. Perlecan possesses angiogenic and growth-promoting attributes primarily by acting as a co-receptor for basic fibroblast growth factor (FGF-2). Suppression of perlecan causes substantial inhibition of neoplastic growth and neovascularization. Thus, perlecan is a potent inducer of neoplasm growth and angiogenesis in vivo and therapeutic interventions targeting this key modulator of tumor progression may improve neoplastic treatment.
Immunogen	Murine EHS laminin preparation
Notes	DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.

Product Application Details

Applications	Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunofluorescence
Recommended Dilutions	Flow Cytometry, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin, Immunofluorescence
Application Notes	Optimal dilution of this antibody should be experimentally determined.

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Products Related to NBP3-11461IR

NBP1-51104IR	Rat IgG2a Isotype Control (KLH/G2a-1-1) [DyLight 755]
NBP3-17840PEP	Endorepellin/Perlecan/Heparan Sulfate Proteoglycan Recombinant Protein Antigen
210-TA-005	TNF-alpha [Unconjugated]
2364-ER-050	Endorepellin/Perlecan/Heparan Sulfate Proteoglycan [Unconjugated]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis.
Primary Antibodies are guaranteed for 1 year from date of receipt.

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