# **Product Datasheet**

# Laminin gamma 1 Antibody (A5) [DyLight 755] NBP2-47842IR

Unit Size: 0.1 ml

Store at 4C in the dark.

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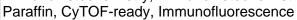
# **NBP2-47842IR**

Laminin gamma 1 Antibody (A5) [DyLight 755]

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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	A5	
Preservative	0.05% Sodium Azide	
Isotype	IgG2a Kappa	
Conjugate	DyLight 755	
Purity	Protein A or G purified	
Buffer	50mM Sodium Borate	
Product Description		
Description	This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.	
Host	Rat	
Gene ID	3915	
Gene Symbol	LAMC1	
Species	Human, Mouse, Bovine	
Reactivity Notes	Bovine reported by a verified customer review.	
Specificity/Sensitivity	Laminins are large hetero-trimeric, non-collagenous glycoproteins composed of alpha, beta, and gamma chains. This monoclonal antibody reacts with laminin B2/1 chain of ~210kDa and does not cross-react with other basement membrane components or fibronectin. Its specificity was established by immunoprecipitation and immunofluorescence of human skeletal muscle and kidney with laminin chain-specific monoclonal antibodys. Epithelial sheets in vivo are separated from the mesenchymal elements of the stroma by a thin layer of a specialized type of extracellular matrix termed the basement membrane (BM). This structure consists of individual components, some of which are ubiquitous in BMs and some are not. The ubiquitous ones comprise laminin (LN), entactin/nidogen (EN), collagen type IV (CIV), and large heparan sulfate proteoglycan (HSPG), which interact specifically with each other to form a continuous and regular BM. Alterations of BM integrity, from local discontinuities up to complete loss, are described in many types of human and animal epithelial neoplasms. This monoclonal antibody stains uniformly all human and murine basement membranes.	
Immunogen	Murine EHS laminin preparation	
Notes		
	DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.	
Product Application Details	Product Application Details	

**Applications** 

Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-





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





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## **Products Related to NBP2-47842IR**

NBP1-51104IR Rat IgG2a Isotype Control (KLH/G2a-1-1) [DyLight 755]

H00003915-P01-10ug Recombinant Human Laminin gamma 1 GST (N-Term) Protein

233-FB-025 FGF basic/FGF2/bFGF [Unconjugated]
NBL1-12430 Laminin gamma 1 Overexpression Lysate

#### 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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