

Product datasheet for TA399855

Human Monoclonal Antibody [Clone ID: C3_Hu10]

Product data:

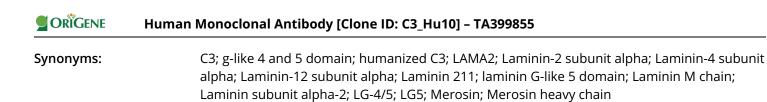
OriGene Technologies, Inc.

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Product Type:	Primary Antibodies
Clone Name:	C3_Hu10
Applications:	ELISA, FC, IF, WB
Reactivity:	Human, Mouse
Host:	Human
lsotype:	IgG1, kappa
Clonality:	Monoclonal
Immunogen:	The original antibody was generated by immunizing Balb/c and Trianni mice with human laminin-2 LG5 domain. Humanized version was generated by grafting CDRs of parental mouse antibody C3 onto human framework regions.
Specificity:	This antibody recognizes human and mouse laminin-2 LG5 and LG4/5 domain. Laminin is a large extracellular heterotrimeric glycoprotein and a major constituent of the basement membrane. It is thought to mediate the attachment, migration and organization of cells into tissues during embryonic development by interacting with other extracellular matrix components.
	The binding specificity of this antibody for human and mouse laminin-2 LG5 was confirmed using ELISA. This antibody is capable of detecting human and mouse LG-4/5 expressed on HEK293 in a flow cytometry. This antibody can also be used for the identification recombinant human laminin-2 (Hu 211), murine LG-5 (mLG5), human LG-5 (hLG5), and human LG-4/5 (hLG4/LG5) in a western blot. This antibody was also used for the immunofluorescent staining of unfixed human and mouse muscle tissues. This antibody was used in combination with anti-laminin-2 antibody AS30_Hu6 to generate a duobody called TBTI (US11254737).
Formulation:	PBS with 0.02% Proclin 300.
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store at 4ºC for up to 3 months. For longer storage, aliquot and store at -20ºC.
Database Link:	<u>P24043; Q60675</u>



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