

Product datasheet for **TA399855**

Human Monoclonal Antibody [Clone ID: C3_Hu10]

Product data:

Product Type:	Primary Antibodies
Clone Name:	C3_Hu10
Applications:	ELISA, FC, IF, WB
Reactivity:	Human, Mouse
Host:	Human
Isotype:	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:	<p>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.</p> <p>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).</p>
Formulation:	PBS with 0.02% Proclin 300.
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.
Database Link:	P24043; Q60675



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Synonyms:

C3; g-like 4 and 5 domain; humanized C3; LAMA2; Laminin-2 subunit alpha; Laminin-4 subunit alpha; Laminin-12 subunit alpha; Laminin 211; laminin G-like 5 domain; Laminin M chain; Laminin subunit alpha-2; LG-4/5; LG5; Merosin; Merosin heavy chain