



Rabbit Anti-Human Laminin-211 monoclonal antibody, clone 20I3M6 (CABT-L1447)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	This antibody is predicted to react with Monkey, Rabbit, Cat and Bovine
Target	Laminin
Immunogen	Protein corresponding to Human LAMA2 (aa 1170-1380)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse
Clone	20I3M6
Purification	Protein A Purified
Conjugate	Unconjugated
Applications	FC, ICC, IF,
Format	Liquid
Concentration	0.5 mg/ml
Buffer	PBS, pH 7.2
Preservative	0.09% Sodium Azide
Storage	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

BACKGROUND

Introduction

Laminin is a non-collagenous protein of basement membranes. By rotary shadowing it has a cross-like shape, consisting of one long arm, (400 kD) and three short arms (200 kD). Antibodies to laminin localize exclusively in basement membranes. Laminin is found throughout the basement membrane, but the reaction with the antibodies to laminin is more intense in the lamina lucida, the part of the basement membrane adjacent to the cell membrane. Laminin binds to type IV collagen, a component exclusively localized in the basement membrane. Laminin has been shown to play a role in cell adhesion and attachment in vivo and in vitro.

Keywords

LAMA 1;LAMA;LAMA1;LAMB1;Lamc3;LAMC3;Laminin A chain;Laminin alpha 1;Laminin alpha 1 chain;Laminin B1 chain;Laminin subunit beta 1;Laminin subunit gamma-3;Laminin-12 subunit gamma;Laminin-14 subunit gamma;Laminin-15 subunit gamma