

Laminin α -2 rabbit pAb

Cat No.:ES6074

For research use only

Overview

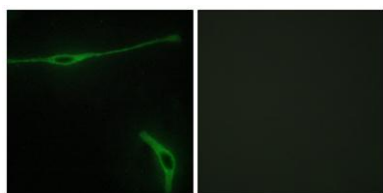
Product Name	Laminin α -2 rabbit pAb
Host species	Rabbit
Applications	IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse
Recommended dilutions	Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human LAMA2. AA range:2011-2060
Specificity	Laminin α -2 Polyclonal Antibody detects endogenous levels of Laminin α -2 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Laminin subunit alpha-2
Gene Name	LAMA2
Cellular localization	Secreted, extracellular space, extracellular matrix, basement membrane. Major component.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	
Human Gene ID	3908
Human Swiss-Prot Number	P24043
Alternative Names	LAMA2; LAMM; Laminin subunit alpha-2; Laminin M chain; Laminin-12 subunit alpha; Laminin-2 subunit alpha; Laminin-4 subunit alpha; Merosin heavy chain
Background	Laminin, an extracellular protein, is a major component 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. It is composed of three subunits, alpha, beta, and gamma, which are bound to each other by disulfide bonds into a cross-shaped molecule. This gene encodes the alpha 2 chain, which constitutes one of the subunits of laminin 2 (merosin) and laminin 4 (s-merosin). Mutations in this gene have been identified as the cause of congenital merosin-deficient muscular dystrophy. Two transcript variants encoding different proteins have been found for this gene. [provided by RefSeq, Jul 2008],

Immunofluorescence analysis of NIH/3T3 cells, using LAMA2 Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human placenta tissue, using LAMA2 Antibody. The picture on the right is blocked with the synthesized peptide.

