Anti-LAMA5 antibody

Cat. No.	ml260542
Package	25 μl/100 μl/200 μl
Storage	-20°C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

Product overview

Description	Anti-LAMA5 rabbit polyclonal antibody
Applications	ELISA, IHC
Immunogen	Synthetic peptide of human LAMA5
Reactivity	Human
Content	0.2 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	LAMA5
Full name	laminin, alpha 5
Synonyms	
Swissprot	O15230

Target Background

Components of the extracellular matrix exert myriad effects on tissues throughout the body. In particular, the laminins, a family of heterotrimeric extracellular glycoproteins, affect tissue development and integrity in such diverse organs as the kidney, lung, skin, and nervous system. It is thought that laminins mediate the attachment, migration, and organization of cells into tissues during embryonic development by interacting with other extracellular matrix components. Laminins function as heterotrimeric complexes of alpha, beta, and gamma chains, with each chain type representing a different subfamily of proteins. The protein encoded by this gene belongs to the alpha subfamily of laminin chains and is a major component of basement membranes. Two transcript variants encoding different isoforms have been found for this gene, but the full-length nature of one of them has not been determined.

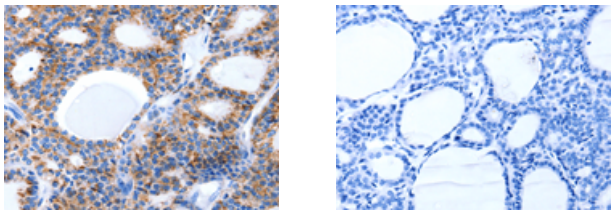
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm, Cell membrane

Positive control: Human thyroid cancer

Recommended dilution: 10-50



The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ml260542(LAMA5 Antibody) at dilution 1/8, on the right is treated with synthetic peptide. (Original magnification: ×200)

ELISA

Recommended dilution: 1000-2000

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