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LAMB1 / Laminin Beta 1 Antibody (clone 2D9G5)

Mouse Monoclonal Antibody
Catalog # ALS13156

Specification

LAMB1 / Laminin Beta 1 Antibody (clone 2D9G5) - Product Information

Application	**IHC**
Primary Accession	P07942
Reactivity	**Human**
Host	**Mouse**
Clonality	**Monoclonal**
Calculated MW	**198kDa KDa**

LAMB1 / Laminin Beta 1 Antibody (clone 2D9G5) - Additional Information

Gene ID 3912

Other Names
Laminin subunit beta-1, Laminin B1 chain, Laminin-1 subunit beta, Laminin-10 subunit beta, Laminin-12 subunit beta, Laminin-2 subunit beta, Laminin-6 subunit beta, Laminin-8 subunit beta, LAMB1

Target/Specificity
Human LAMB1

Reconstitution & Storage
Long term: -20°C; Short term: +4°C. Avoid repeat freeze-thaw cycles.

Precautions
LAMB1 / Laminin Beta 1 Antibody (clone 2D9G5) is for research use only and not for use in diagnostic or therapeutic procedures.

LAMB1 / Laminin Beta 1 Antibody (clone 2D9G5) - Protein Information

Name LAMB1

Function
Binding to cells via a high affinity receptor, laminin is thought to mediate the attachment, migration and organization of cells into tissues during embryonic development by interacting with other extracellular matrix components. Involved in the organization of the laminar architecture of cerebral cortex. It is probably required for the integrity of the basement membrane/glia limitans that serves as an anchor point for the endfeet of radial glial cells and as a physical barrier to migrating neurons. Radial glial cells play a central role in cerebral cortical development, where they act both as the proliferative unit of the cerebral cortex and a scaffold for neurons migrating toward the pial surface.

Cellular Location
Secreted, extracellular space, extracellular matrix, basement membrane. Note=Major component

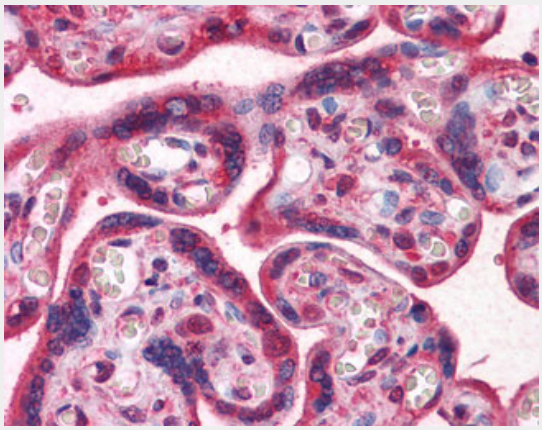
Volume
50 µl

LAMB1 / Laminin Beta 1 Antibody (clone 2D9G5) - Protocols

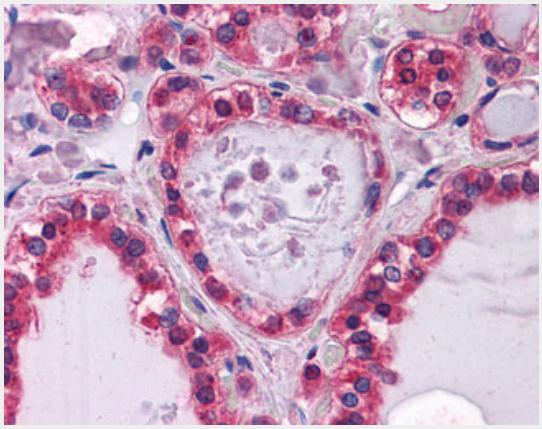
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

LAMB1 / Laminin Beta 1 Antibody (clone 2D9G5) - Images



Anti-LAMB1 antibody IHC of human placenta.



Anti-LAMB1 antibody IHC of human thyroid.

LAMB1 / Laminin Beta 1 Antibody (clone 2D9G5) - Background

Binding to cells via a high affinity receptor, laminin is thought to mediate the attachment, migration and organization of cells into tissues during embryonic development by interacting with other extracellular matrix components. Involved in the organization of the laminar architecture of

cerebral cortex. It is probably required for the integrity of the basement membrane/glia limitans that serves as an anchor point for the endfeet of radial glial cells and as a physical barrier to migrating neurons. Radial glial cells play a central role in cerebral cortical development, where they act both as the proliferative unit of the cerebral cortex and a scaffold for neurons migrating toward the pial surface.

LAMB1 / Laminin Beta 1 Antibody (clone 2D9G5) - References

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