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Anti-L1CAM (Extracellular) Antibody
Catalog # AN1830

Specification

Anti-L1CAM (Extracellular) Antibody - Product Information

Application	**WB, IHC**
Primary Accession	P32004
Host	**Mouse**
Clonality	**Mouse Monoclonal**
Isotype	**IgG1**
Calculated MW	**140003**

Anti-L1CAM (Extracellular) Antibody - Additional Information

Gene ID **3897**

Other Names
Neural cell adhesion molecule L1, N-CAM-L1, CD171, L1CAM, CAML1, MIC5

Target/Specificity
The basal lamina contains Collagen Type IV, proteoglycans, and glycoproteins. Laminin is a high molecular weight (850 kDa) oligomer, consisting of three different chains (α, β, and γ) joined by disulfide bonds. The structure of laminins include two helical domains (I & II) at the COOH-terminal, a laminin IV domain, multiple EGF-like repeats, and a laminin globular domain (G), as well as an N-terminal domain VI. Domains IV and VI are the binding sites for collagen and heparan sulfate, respectively. Several isoforms have been identified for the genes of each chain. Laminin γ1 (laminin B2) contains 14 glycosylation sites and 12 cysteine repeat domains. The expression of the Laminin subunits is found in the basal lamina of tissues. Here, the protein interacts with other extracellular matrix components to mediate cell attachment, migration and organization during embryonic development.

Dilution
WB~~1:1000
IHC~~1:100~500

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
Anti-L1CAM (Extracellular) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

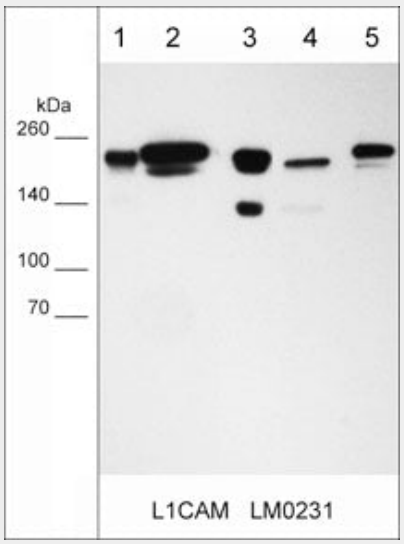
Shipping
Blue Ice

Anti-L1CAM (Extracellular) Antibody - Protocols

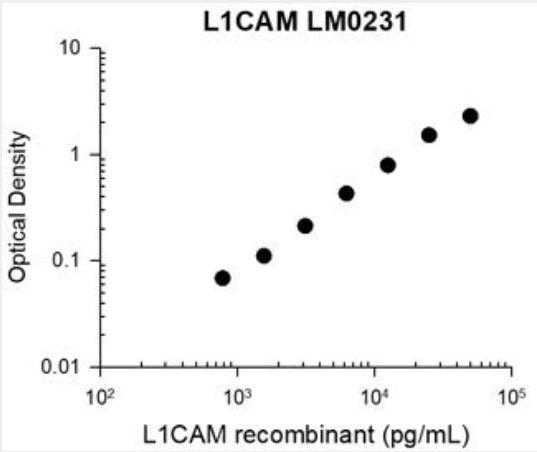
Provided below are standard protocols that you may find useful for product applications.

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

Anti-L1CAM (Extracellular) Antibody - Images



Immunocytochemical labeling of L1CAM in paraformaldehyde fixed human MeWo cells. The cells were labeled with mouse monoclonal anti-L1CAM (LM0231). The antibody was detected using goat anti-mouse Ig DyLight® 594.



Representative Standard Curve using mouse monoclonal antiL1CAM (LM0231) for ELISA capture of human recombinant L1CAM protein with His-tag. Capture was detected by using an anti-His-tag antibody followed by appropriate secondary antibody conjugated to HRP.

Anti-L1CAM (Extracellular) Antibody - Background

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