

# Anti-L1CAM (Extracellular) Antibody

Catalog # AN1830

## Product Information

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<b>Application</b>	WB, ICC, IP
<b>Primary Accession</b>	<a href="#">P32004</a>
<b>Host</b>	Mouse
<b>Clonality</b>	Mouse Monoclonal
<b>Isotype</b>	IgG1
<b>Clone Names</b>	M023
<b>Calculated MW</b>	140003

## Additional Information

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<b>Gene ID</b>	3897
<b>Other Names</b>	Neural cell adhesion molecule L1, N-CAM-L1, CD171, L1CAM, CAML1, MIC5
<b>Target/Specificity</b>	The basal lamina contains Collagen Type IV, proteoglycans, and glycoproteins. Laminin is a high molecular weight (850 kDa) oligomer, consisting of three different chains ( $\alpha$ , $\beta$ , and $\gamma$ ) 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 $\gamma$ 1 (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.
<b>Dilution</b>	WB~~1:1000 ICC~~N/A IP~~N/A
<b>Storage</b>	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.
<b>Precautions</b>	Anti-L1CAM (Extracellular) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.
<b>Shipping</b>	Blue Ice

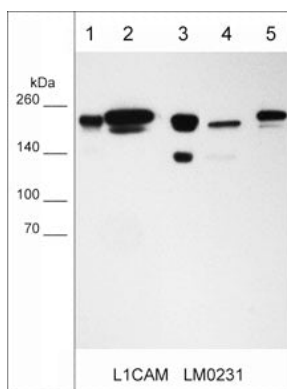
## Background

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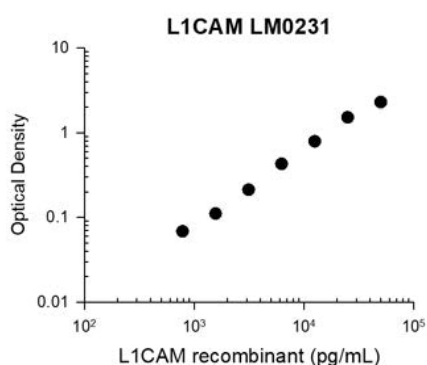
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## Images



Immunocytochemical labeling of L1CAM in paraformaldehyde fixed human MeWo cells. The cells were labeled with mouse monoclonal anti-L1CAM (AN1830). The antibody was detected using goat anti-mouse Ig DyLight® 594.



Representative Standard Curve using mouse monoclonal antiL1CAM (AN1830) 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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.