



20150217ML

Anti-Human NCAM-L1 (#1J36)

**FOR RESEARCH ONLY! NOT FOR HUMAN USE!**

Cat.-no.:	101-M575
Size:	100 µg
Lot. No.:	According to product label

Preparation: This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a mouse) immunized with extracellular domain of human recombinant protein of NCAM-L1, also called CD171.

Target Background

Synonyms (Target):	LICAM; S10; HSAS; MASA; MIC5; SPG1; CAML1; CD171; HSAS1; N-CAML1; NCAM-L1; N-CAM-L1
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The cell adhesion molecule NCAM-L1 (or LICAM) is an immunoglobulin superfamily adhesion molecule that is critical for neural development. Two alternatively spliced isoforms of LICAM have been described. The full-length signaling isoform is expressed exclusively in neurons. The second non-neuronal variant lacks a five-residue extracellular sequence and a four residue cytoplasmic sequence that is important in signaling and clathrin-mediated endocytosis.

Database References Target

Protein RefSeq:	NP_000416.1
Uniprot ID:	P32004
mRNA RefSeq:	NM_000425.4

Product Specifications

Host	Mouse
Reactivity against	Human
Clonality	Monoclonal Antibody
Clone	(#1J36)
Isotype	IgG1
Purification	Protein G chromatography
Antigen	human recombinant protein of NCAM-L1 EC domain
Formulation	lyophilized
Reconstitution buffer	PBS (sterile)

Reconstitution: Reconstitute the antibody with 200 µl sterile PBS and the final concentration is 500 µg/ml.

Stability: Lyophilized samples are stable for 2 years from date of receipt when stored at -70°C. Reconstituted antibody can be aliquoted and stored frozen at < -20 °C for at least for six months without detectable loss of activity.

Remarks: This antibody was selected for its ability to detect human NCAM-L1.

**AVOID REPEATED FREEZE AND THAW CYCLES!**

Applications

The antibody can be used within the following applications:

WB

Recommended usage:

WB: Use at 1:500-1000

NOTE: OPTIMAL DILUTIONS SHOULD BE DETERMINED BY EACH LABORATORY FOR EACH APPLICATION!