

**ARG62530**  
**anti-L1CAM antibody [UJ127]**Package: 100 µl, 50 µl  
Store at: -20°C

### Summary

Product Description	Mouse Monoclonal antibody [UJ127] recognizes L1CAM
Tested Reactivity	Hu
Tested Application	ICC/IF, IHC-P, IP, WB
Host	Mouse
Clonality	Monoclonal
Clone	UJ127
Isotype	IgG1
Target Name	L1CAM
Species	Human
Immunogen	Homogenous suspension of 16 week human fetal brain
Conjugation	Un-conjugated
Alternate Names	SPG1; CD171; NCAM-L1; MASA; MIC5; S10; CAML1; HSAS1; N-CAM-L1; CD antigen CD171; N-CAML1; HSAS; Neural cell adhesion molecule L1

### Application Instructions

Application Note	IHC: 1 - 2 µg/ml IP: 2 µg/mg of lysate WB: 1 - 2 µg/ml * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.
Positive Control	IMR-5 cells

### Properties

Form	Liquid
Purification	Protein G purified
Buffer	10mM PBS (pH 7.4), 0.2% BSA and 0.09% Sodium azide
Preservative	0.09% Sodium azide
Stabilizer	0.2% BSA
Concentration	0.2 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

Database links	<a href="#">GeneID: 3897 Human</a> <a href="#">Swiss-port # P32004 Human</a>
Gene Symbol	L1CAM
Gene Full Name	L1 cell adhesion molecule
Background	The protein encoded by this gene is an axonal glycoprotein belonging to the immunoglobulin supergene family. The ectodomain, consisting of several immunoglobulin-like domains and fibronectin-like repeats (type III), is linked via a single transmembrane sequence to a conserved cytoplasmic domain. This cell adhesion molecule plays an important role in nervous system development, including neuronal migration and differentiation. Mutations in the gene cause X-linked neurological syndromes known as CRASH (corpus callosum hypoplasia, retardation, aphasia, spastic paraplegia and hydrocephalus). Alternative splicing of this gene results in multiple transcript variants, some of which include an alternate exon that is considered to be specific to neurons. [provided by RefSeq, May 2013]
Function	Cell adhesion molecule with an important role in the development of the nervous system. Involved in neuron-neuron adhesion, neurite fasciculation, outgrowth of neurites, etc. Binds to axonin on neurons. [UniProt]
Research Area	Neuroscience antibody; Signaling Transduction antibody
Calculated Mw	140 kDa
Cellular Localization	Cell membrane

## Images



ARG62530 anti-L1CAM antibody [UJ127] WB image

Western blot: 20 µg of HeLa cell lysate stained with ARG62530 anti-L1CAM antibody [UJ127] at 1:500 dilution.