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Name:L1CAM mouse monoclonal antibody, clone UMAB48

Product Data Sheet - UltraMAB

Catalog: UM500044

Gene Name:Homo sapiens L1 cell adhesion molecule (L1CAM), transcript variant 1
GeneBank accession: NM_000425
Isotype: IgG1

Reactivity: Human
Test application: WB
Clone Name: Clone UMAB48

Gene Synonym: CAML1; CD171; HSAS; HSAS1; MASA; MIC5; N-CAM-L1; N-CAML1; NCAM-L1; S10; SPG1

Guaranteed Applications: IHC

Suggested Dilutions: IHC 1:100,

Immunogen: Full length human recombinant protein of human L1CAM (NP_000416) produced in HEK293T cell.

Components:
- L1CAM mouse monoclonal antibody, clone UMAB48 (UM500044)

Amount:
UM500044 100ul

Concentration: 0.5~1.0 mg/ml (Lot Dependent)

Storage Condition: Shipped at 4C. Upon delivery store at -20C. Dilute in PBS (pH7.3) before use.
Stable for 12 months from date of receipt.
Avoid repeated freeze-thaws.

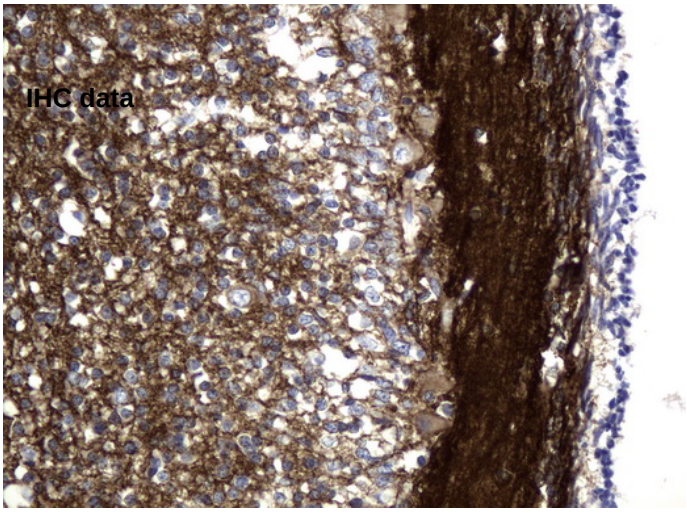
Buffer: PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.

Purification:
Purified from mouse ascites fluids by affinity chromatography

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 three X-linked neurological syndromes known by the acronym CRASH (corpus callosum hypoplasia, retardation, aphasia, spastic paraplegia and hydrocephalus). Alternative splicing of a neuron-specific exon is thought to be functionally relevant. [provided by RefSeq, Jul 2008].

Validation Data:

Western Blot



Immunohistochemical staining of paraffin-embedded Human embryonic cerebellum using anti-L1CAM mouse monoclonal antibody. (UM500044)

Related Product:
TrueORF cDNA clones
VERIFY Tagged Antigen lysates
HuSH-29 shRNA
Western Blot reagents
Anti-myc/DDK tag antibodies

* Peptide sequence of the DDK-tag (Flag®): N-DYKDDDDK-C Flag® is a registered trademark of Sigma-Aldrich
* More validation images may be available on our website: http://www.origene.com/antibody/UM500044.aspx