



Anti-Neural cell adhesion molecule L1 Antibody (Clone UJ127.11)

Alternative Names: L1CAM, CAML1, HSAS1, Hyd, L1 Cell Adhesion Molecule, L1-NCAM, MASA, MIC5, NCAM-L1, Nerve-growth factor-inducible large external glycoprotein, Neural cell adhesion molecule L1, NILE, S10, SPG1

Catalogue Number: AX17-10017-50ug

Size: 50 µg

Background Information

L1 cell adhesion molecule (L1CAM) is a cell-surface transmembrane protein. A member of the L1 protein family of neural adhesion molecules (of the immunoglobulin superfamily) it is believed to be involved in cell migration, adhesion, neurite outgrowth, myelination and neuronal differentiation.

L1CAM is present on tumours of neuroectodermal and glial origin (e.g. neuroblastoma and schwannomas). It is also expressed in intestinal epithelial progenitor cells, cerebellum neurons such as Cerebellum granule cell and Purkinje cells.

Product Information

Antibody Type:	Monoclonal	Host:	Mouse
Isotype:	IgG1 kappa	Species Reactivity:	Human, Mouse
Immunogen:	Homogenous suspension of 16 week human foetal brain		
Format:	50 µg in 50 µl PBS containing 0.02% sodium azide.		
Storage Conditions:	6 months: 4°C. Long-term storage: -20°C. Avoid multiple freeze and thaw cycles.		
Applications:	ELISA FACS IHC IF IP WB FC: 0.5-1ug per million cells, IF: 1-2ug/ml		

Additional Information

Subcellular location:	Plasma membrane	MW:	140kDa (Intended as a general guide and does not allow for all isoforms and species variations)
Gene ID	3897	Uniprot ID:	P32004



References

Lund et al. 2015. PLoS One. 10(4):e0123684. PMID: 25860483. ; Matsuda et al. 2013. J Proteomics. 85:1-11. PMID: 23612463. ; Morales et al. 2012. Mol Cell Proteomics. 11(6):M111.011973. PMID: 22186713. ; Heiz et al. 2004. J Biol Chem. 279(30):31149-56. PMID: 15151998. ; Patel et al. 1990. Biochem Soc Trans. 18(2):274. PMID: 2379713. ; Kemshead et al. 1983. Int J Cancer. 31(2):187-95. PMID: 6826247.