



## 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:** AX17-10017-100ug

**Size:** 100 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

<b>Antibody Type:</b>	Monoclonal	<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG1 kappa	<b>Species Reactivity:</b>	Human, Mouse
<b>Immunogen:</b>	Homogenous suspension of 16 week human foetal brain		
<b>Format:</b>	100 µg in 100 µl PBS containing 0.02% sodium azide.		
<b>Storage Conditions:</b>	6 months: 4°C. Long-term storage: -20°C. Avoid multiple freeze and thaw cycles.		
<b>Applications:</b>	ELISA   FACS   IHC   IF   IP   WB FC: 0.5-1ug per million cells, IF: 1-2ug/ml		

### Additional Information

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