

Product Datasheet

L1CAM Antibody (UJ127) - Azide and BSA Free NBP2-34505-0.1mg

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-34505-0.1mg

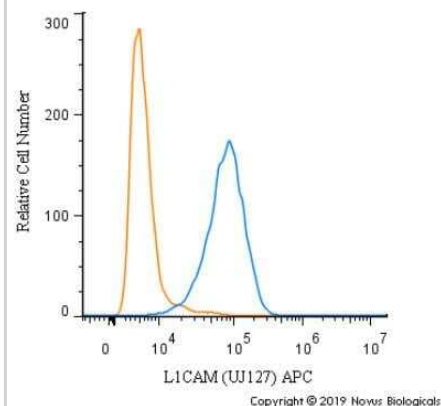
L1CAM Antibody (UJ127) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	UJ127
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	Protein A purified
Buffer	10 mM PBS
Target Molecular Weight	230 kDa
Product Description	
Host	Mouse
Gene ID	3897
Gene Symbol	L1CAM
Species	Human
Marker	Axonal Marker
Specificity/Sensitivity	Recognizes a cell surface protein of 220-240kDa, identified as L1 cell adhesion molecule. The L1CAM gene, which is located in Xq28, is involved in three distinct conditions: 1) HSAS (hydrocephalus-stenosis of the aqueduct of Sylvius); 2) MASA (mental retardation, aphasia, shuffling gait, and adducted thumbs); and 3) SPG1 (spastic paraplegia). The L1, neural cell adhesion molecule (L1CAM) also plays an important role in axon growth, fasciculation, and neural migration as well as in mediating neuronal differentiation. Expression of L1 protein is restricted to tissues arising from neuroectoderm. This monoclonal antibody is useful in the identification of primitive neuroectodermal tumors. It binds to tumors of neuroectodermal and glial origin e.g. neuroblastoma and Schwannomas. It does not bind to pediatric or adult brain.
Immunogen	Homogenous suspension of 16-week human fetal brain
Product Application Details	
Applications	ELISA, Flow Cytometry, Flow (Intracellular), Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready
Recommended Dilutions	Flow Cytometry 0.5-1ug/million cells, ELISA 1-5ug/ml for coating, Immunohistochemistry, Immunohistochemistry-Paraffin, Flow (Intracellular), CyTOF-ready
Application Notes	ELISA: For coating, order antibody without BSA). Optimal dilution for a specific application should be determined.



Images

Flow Cytometry: L1CAM Antibody (UJ127) - Azide and BSA Free [NBP2-34505] - An intracellular stain was performed on HeLa cells with L1CAM Antibody [UJ127] NBP2-34505APC (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 1 ug/mL for 30 minutes at room temperature. Both antibodies were conjugated to Allophycocyanin.





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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