

Product Datasheet

L1CAM Antibody (SPM275) [Alexa Fluor® 647] NBP2-34753AF647

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP2-34753AF647

L1CAM Antibody (SPM275) [Alexa Fluor® 647]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	SPM275
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Conjugate	Alexa Fluor 647
Purity	Protein A or G purified
Buffer	50mM Sodium Borate
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



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Product Application Details	
Applications	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, CyTOF-ready
Recommended Dilutions	Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Frozen, CyTOF-ready

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Products Related to NBP2-34753AF647

IC002R	Mouse IgG1 Isotype Control (11711) [Alexa Fluor® 647]
NBP2-59904-50ug	Recombinant Human L1CAM His Protein
DKK300	Kallikrein 3/PSA [HRP]
777-NC-100	L1CAM

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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