



Anti-L1CAM monoclonal antibody, clone 4H2 (DCABH-418)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Mouse monoclonal to L1CAM
Antigen Description	Cell adhesion molecule with an important role in the development of the nervous system. Involved in neuron-neuron adhesion, neurite fasciculation, outgrowth of neurites, etc. Binds to axonin on neurons.
Immunogen	Recombinant full length Human L1CAM protein (NP_000416) produced in HEK293T cells
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	4H2
Purification	This antibody was purified from Mouse ascites fluids by affinity chromatography.
Conjugate	Unconjugated
Applications	WB, IHC-P, Flow Cyt, ICC/IF
Positive Control	HEK293T cell lysate transfected with pCMV6-ENTRY L1CAM; COS7 cells transiently transfected by pCMV6-ENTRY L1CAM; HEK293T cells transfected with L1CAM plasmid; Human kidney tissue; Human liver carcinoma tissue; Human thyroid tissue; Human endometrium tissue
Format	Liquid
Size	100 µl

Buffer	pH: 7.30; Preservative: 0.02% Sodium azide; Constituents: 1% BSA, 50% Glycerol, 47% PBS
Preservative	0.02% Sodium Azide
Storage	store at -20°C. Avoid freeze / thaw cycles.
Ship	Shipped at 4°C.

GENE INFORMATION

Gene Name	L1CAM L1 cell adhesion molecule [Homo sapiens]
Official Symbol	L1CAM
Synonyms	L1CAM; L1 cell adhesion molecule; antigen identified by monoclonal R1 , HSAS, HSAS1, MASA, MIC5, S10, SPG1; neural cell adhesion molecule L1; CD171; antigen identified by monoclonal R1; S10; HSAS; MASA; MIC5; SPG1; CAML1; HSAS1; N-CAML1; NCAM-L1; N-CA
Entrez Gene ID	3897
Protein Refseq	NP_000416
UniProt ID	P32004
Chromosome Location	Xq28
Pathway	Axon guidance, organism-specific biosystem; Axon guidance, conserved biosystem; Axon guidance, organism-specific biosystem; Basigin interactions, organism-specific biosystem; Cell adhesion molecules (CAMs), organism-specific biosystem; Cell adhesion molecules (CAMs), conserved biosystem; Cell surface interactions at the vascular wall, organism-specific biosystem;
Function	PDZ domain binding; identical protein binding; integrin binding; protein self-association; sialic acid binding;