

L1CAM recombinant antibody

L1CAM Recombinant Monoclonal Antibody

CATALOG # AAA279132	HOST HEK293F Cell	REACTIVITY Human, Rat	APPLICATIONS Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA
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PRODUCT SYNONYMS

L1CAM; Monoclonal Recombinant Antibody; L1CAM Recombinant Monoclonal Antibody; Neural cell adhesion molecule L1 (N-CAM-L1)(NCAM-L1)(CD antigen CD171); CAML1 MIC5; L1CAM recombinant antibody

PRODUCT SPECIFICATIONS

Host	HEK293F Cell
Reactivity	Human, Rat
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	14H7
Purity/Purification	Affinity purified
Form/Format	Liquid; PBS, 150mM NaCl, 0.02% sodium azide, 50% glycerol, pH 7.4.
Applicable Applications for L1CAM recombinant antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA
Immunogen Species	Human
Immunogen	A synthesized peptide derived from Human L1CAM
Conjugation	Non-conjugated
Research Area	Neuroscience; Signal transduction
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



FCM/FACS (Flow Cytometry)

Overlay Peak curve showing MCF-7 cells stained with AAA279132 (red line) at 1:50. The cells were fixed in 4% formaldehyde and permeated by 0.2% TritonX-100. Then 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (1ug/1*106cells) for 45min at 4?. The secondary antibody used was FITC-conjugated Goat Anti-rabbit IgG(H+L) at 1:200 dilution for 35min at 4?.Control antibody (green line) was rabbit IgG (1ug/1*106cells) used under the same conditions. Acquisition of >10,000 events was performed.



IHC (Immunohistochemistry)

IHC image of AAA279132 diluted at 1:50 and staining in paraffin-embedded human brain tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-rabbit polymer IgG labeled by HRP and visualized using 0.76% DAB.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557707
NCBI GeneID	3897

NCBI Accession #	NP_000416.1
NCBI GenBank Nucleotide #	NM_000425.4
UniProt Accession #	P32004 ; Q8TA87 ; A0AV65 ; A4ZYW4 ; B2RMU7 ; G3XAF4
Molecular Weight	140,003 Da
NCBI Official Full Name	neural cell adhesion molecule L1 isoform 1
NCBI Official Synonym Full Names	L1 cell adhesion molecule
NCBI Official Symbol	L1CAM
NCBI Official Synonym Symbols	S10; HSAS; MASA; MIC5; SPG1; CAML1; CD171; HSAS1; N-CAML1; NCAM-L1; N-CAM-L1
NCBI Protein Information	neural cell adhesion molecule L1; antigen identified by monoclonal antibody R1
UniProt Protein Name	Neural cell adhesion molecule L1
UniProt Gene Name	L1CAM
UniProt Synonym Gene Names	CAML1; MIC5; N-CAM-L1; NCAM-L1
UniProt Entry Name	L1CAM_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/l1cam-recombinant-antibody-clone-14h7-flow-cytometry-immunohistochemistry-elisa/279132>