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Product Information

Recombinant Anti-Human l1cam Antibody

Cat. No.: **MOM-18422**
This product is for research use only and is not intended for diagnostic use.

Product Overview

Recombinant Mouse Antibody binds selectively to Human L1CAM, expressed in Chinese Hamster Ovary cells(CHO)

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.

Specific Activity

Tested positive against native antigen.

Target

L1CAM

Immunogen

Chicken NgCAM protein (ab24345 detects the C-terminus portion of the protein that is conserved with mammalian L1)

Source

Mouse

Species Reactivity

Human

Type

IgG

Expression Host

CHO

Purity

>95.0% as determined by analysis by RP-HPLC.

Applications

Suitable for use in Neut, FuncS, ELISA, FC, IHC and most other immunological methods.

Storage

At -20°C for one year.

ANTIGEN GENE INFOMATION

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-CAM-L1

Gene ID

3897

mRNA Refseq

NM_000425

Protein Refseq

NP_000416

MIM

308840

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;