

A22668

Leader in Biomolecular Solutions for Life Science



CD171/L1CAM Rabbit mAb

Catalog No.: A22668

Recombinant

Basic Information

Observed MW

220-250kDa

Calculated MW

140kDa

Category

SMab Recombinant Monoclonal
Antibody

Applications

WB,IHC-P,ELISA

Cross-Reactivity

Human

CloneNo number

ARC57419

Background

The protein encoded by this gene is an axonal glycoprotein belonging to the immunoglobulin supergene family. The ectodomain, consisting of several immunoglobulin-like domains and fibronectin-like repeats (type III), is linked via a single transmembrane sequence to a conserved cytoplasmic domain. This cell adhesion molecule plays an important role in nervous system development, including neuronal migration and differentiation. Mutations in the gene cause X-linked neurological syndromes known as CRASH (corpus callosum hypoplasia, retardation, aphasia, spastic paraplegia and hydrocephalus). Alternative splicing of this gene results in multiple transcript variants, some of which include an alternate exon that is considered to be specific to neurons.

Recommended Dilutions

WB 1:2000 - 1:9000

IHC-P 1:100 - 1:500

Immunogen Information

Gene ID

3897

Swiss Prot

P32004

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 20-1120 of human CD171/L1CAM. (NP_000416.1).

Synonyms

S10; HSAS; HYCX; MASA; MIC5; SPG1; CAML1; CD171; HSAS1; N-CAML1; NCAM-L1; N-CAM-L1; CD171/L1CAM

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

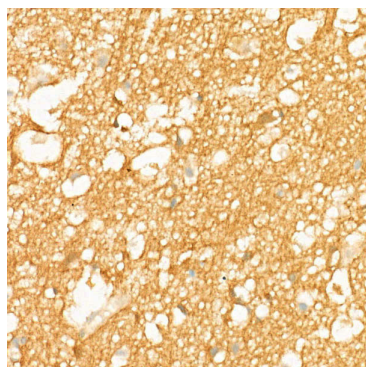
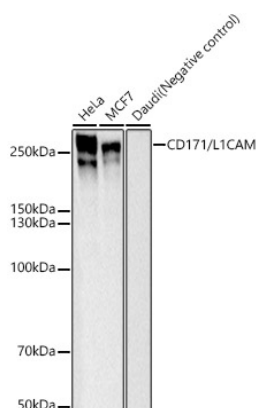
Affinity purification

Storage

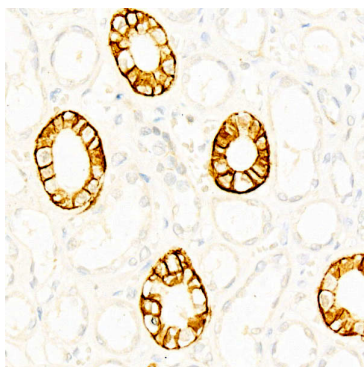
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300,0.05% BSA,50% glycerol,pH7.3.

Validation Data



Immunohistochemistry analysis of paraffin-embedded Human brain using CD171/L1CAM Rabbit mAb (A22668) at dilution of 1:400 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human kidney using CD171/L1CAM Rabbit mAb (A22668) at dilution of 1:400 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.