Leader in Biomolecular Solutions for Life Science

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ABflo® 488 Rabbit anti-Human CD171/L1CAM mAb

Catalog No.: A22590

Basic Information

Observed MW
Refer to figures

Calculated MW
140kDa

Category
Primary antibody

Applications
FC

Cross-Reactivity
Human

CloneNo number
ARC57415-ABf488

Conjugate
ABflo® 488. Ex:491nm. Em:516nm.

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

FC	5 µl per 10^6 cells in 100 µl volume

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

Contact

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Product Information

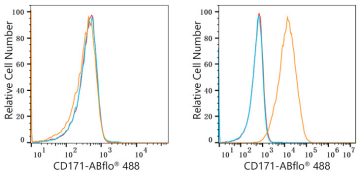
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at 2-8℃. Avoid freeze.
Buffer: PBS with 0.03% proclin300,0.2% BSA,pH7.3.

Validation Data



Flow cytometry:1X10^6 Jurkat cells (negative control,Left) and MCF7 cells (Right) were surface-stained with ABflo® 488 Rabbit anti-Human CD171/L1CAM mAb(A22590,5 µl/Test,orange line) or ABflo® 488 Rabbit IgG isotype control (A22069,5 µl/Test,blue line). Non-fluorescently stained cells were used as blank control (red line).