Recombinant CD171/N-CAML1/L1CAM Monoclonal Antibody

catalog number: AN300178P
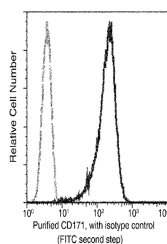
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human
Immunogen	Recombinant Human CD171 / N-CAML1 / L1CAM protein
Host	Rabbit
Isotype	IgG
Clone	8B9
Purification	Protein A
Buffer	0.2 μm filtered solution in PBS

Applications

Applications	Recommended Dilution
IHC-P	1:100-1:500
ICC/IF	1:20-1:100
FCM	1:25-1:100

Flow cytometric analysis of human CD171 expression on HeLa cells. Cells were stained with purified anti-Human CD171, then a FITC-conjugated second step antibody. The histogram were derived from events with the forward and side light-scatter characteristics of intact cells.

Preparation & Storage

Storage	This antibody can be stored at 2℃-8℃ for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20℃ to -80℃. Preservative-Free. Avoid repeated freeze-thaw cycles.
Shipping	Ice bag

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.