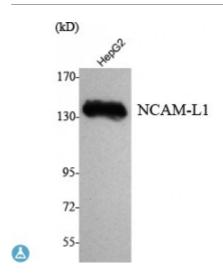


Anti-NCAM-L1 antibody



Description Mouse monoclonal to NCAM-L1.

Model STJ98519

Host Mouse

Reactivity Canine, Human, Mouse, Rabbit, Rat

Applications WB

Immunogen Purified recombinant human NCAM-L1 (N-terminal) protein fragments

expressed in E.coli.

Immunogen Region N-terminal

Gene ID <u>3897</u>

Gene Symbol <u>L1CAM</u>

Dilution range WB 1:1000-1:2000

Specificity NCAM-L1 Monoclonal Antibody detects endogenous levels of NCAM-L1

protein.

Purification Affinity purification

Note For Research Use Only (RUO).

Protein Name Neural cell adhesion molecule L1 N-CAM-L1 NCAM-L1 CD antigen CD171

Clonality Monoclonal

Conjugation Unconjugated

Formulation Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4,

150 mM NaCl) with 0.2% sodium azide, 50% glycerol.

Concentration 1 mg/ml

Storage Instruction Store at -20°C, and avoid repeat freeze-thaw cycles.

Database Links <u>HGNC:64700MIM:303350</u>

Alternative Names Neural cell adhesion molecule L1 N-CAM-L1 NCAM-L1 CD antigen CD171

Function Neural cell adhesion molecule involved in the dynamics of cell adhesion and

in the generation of transmembrane signals at tyrosine kinase receptors.

During brain development, critical in multiple processes, including neuronal migration, axonal growth and fasciculation, and synaptogenesis. In the mature

brain, plays a role in the dynamics of neuronal structure and function,

including synaptic plasticity.

Cellular Localization Cell membrane Cell projection, growth cone Cell projection, axon Cell

projection, dendrite. Colocalized with SHTN1 in close apposition with actin

filaments in filopodia and lamellipodia of axonalne growth cones of

hippocampal neurons . In neurons, detected predominantly in axons and cell

body, weak localization to dendrites .

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