

bs-1996R**[Primary Antibody]****CD171/L1CAM Rabbit pAb****BioSS**
ANTIBODIES

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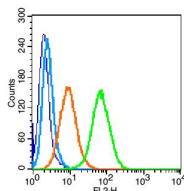
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— DATASHEET —

| | | |
|---|----------------------|---|
| Host: Rabbit | Isotype: IgG | Applications: Flow-Cyt (1µg /test) ELISA (1:5000-10000) |
| Clonality: Polyclonal | | |
| GeneID: 3897 | SWISS: P32004 | |
| Target: CD171/L1CAM | | |
| Immunogen: KLH conjugated synthetic peptide derived from human CD171: 1101-1257/1257. | | |
| Purification: affinity purified by Protein A | | Reactivity: Human (predicted: Mouse, Rat, Rabbit, Pig, Cow, Chicken, Dog, Horse) |
| Concentration: 1mg/ml | | |
| Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. | | |
| Background: L1cam (L1 cell adhesion molecule isoform 1 precursor) 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 three X-linked neurological syndromes known by the acronym CRASH (corpus callosum hypoplasia, retardation, aphasia, spastic paraplegia and hydrocephalus). Alternative splicing of a neuron-specific exon is thought to be functionally relevant. [provided by RefSeq]. | | |
| | | |
| | | Predicted MW.: 138 kDa |
| | | Subcellular Location: Cell membrane |

— VALIDATION IMAGES —

Blank control(blue): U937(fixed with 2% paraformaldehyde (10 min)). Primary Antibody:Rabbit Anti-CD171 antibody(bs-1996R), Dilution: 1µg in 100 µL 1X PBS containing 0.5% BSA. Isotype Control Antibody: Rabbit IgG(orange), used under the same conditions). Secondary Antibody: Goat anti-rabbit IgG-PE(white blue), Dilution: 1:200 in 1 X PBS containing 0.5% BSA.

— SELECTED CITATIONS —

- **[IF=12.7]** Lu Weicheng. et al. Interorgan communication in neurogenic heterotopic ossification: the role of brain-derived extracellular vesicles. BONE RES. 2024 Feb;12(1):1-16 IHC,WB ;Rat. 38383487