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12-9328B: Biotinylated Anti-CD171 antibody(DM155); Rabbit mAb

Clonality :	Monoclonal
Clone Name :	DM155
Application :	ELISA; Flow Cyt
Reactivity :	Human
Gene :	CD171
Uniprot ID :	P32004
Alternative Name :	CAML1; CD171; HSAS; HSAS1; MASA; MIC5; N-CAM-L1; N-CAML1; NCAM-L1; S10; SPG1
Isotype :	IgG

Description

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.

Product Info

Amount :	10 µg / 100 µg
Purification :	Purified from cell culture supernatant by affinity chromatography
Content :	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage condition :	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

Application Note

ELISA 1:5000-10000; Flow Cyt 1:100

For Research Use Only. Not for use in diagnostic/therapeutics procedures.