

Mouse CD171 Monoclonal Antibody | anti-CD171 antibody

CD171 antibody

CATALOG # AAA106611	HOST Mouse	APPLICATIONS Flow Cytometry, Functional Assay
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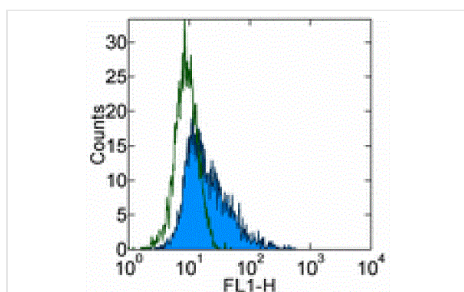
PRODUCT SYNONYMS

CD171; Monoclonal Antibody; CD171 antibody; Monoclonal CD171; Anti-CD171; CD-171; CD 171; L1; NCAM L1; Neural Cell Adhesion Molecule; anti-CD171 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	5G3
Specificity	Human
Purity/Purification	CD171 antibody was purified by affinity chromatography.
Form/Format	Liquid in PBS with 0.09% sodium azide, pH 7.2
Concentration	0.5 mg/ml (varies by lot)
Applicable Applications for anti-CD171 antibody	FCM/FACS (Flow Cytometry)
Cross Reactivity	Human
Biological Significance	The monoclonal antibody 5G3 recognizes CD171 also known as neural cell adhesion molecule L1. CD171 is a member of the Ig superfamily containing 6 extracellular Ig domains and five fibronectin type III-like repeats. CD171 has been shown to function as a cell adhesion molecule mediating homotypic and heterotypic cell-cell interactions in neuronal myelination, neurite outgrowth and regeneration. Expression of CD171 has been found on monocytes and mature monocytic-derived and follicular DCs, a minor subset of lymphocytes in addition to that found on neuronal tissue and some tumor cells lines. Expression of CD171 on tumors is thought to contribute to tumor progression. Epitope of 5G3 is in amino-terminal Ig-like domain.
Preparation and Storage	Store at 2-8°C. Do not freeze. Protect from light.

IMAGES



FCM/FACS (Flow Cytometry)

Staining of Panc-1 cell line with 0.125 ug of Mouse IgG2a kappa Isotype Control (open histogram) or 0.125 ug of Anti-Human CD171 Purified (filled histogram). Total viable cells were used for analysis.

ADDITIONAL INFORMATION

Related Product Information for anti-CD171 antibody	Mouse monoclonal CD171 antibody
Product Categories/Family for anti-CD171 antibody	Immunology

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/monoclonal/cd171-antibody-clone-5g3-flow-cytometry-elisa/106611>