

Mouse anti-Dog CD11d Monoclonal Antibody | anti-CD11d antibody

MOUSE ANTI DOG CD11d

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA50262	Mouse	Dog	Immunoprecipitation, Flow Cytometry, Functional Assay, Immunohistochemistry

PRODUCT SYNONYMS

CD11d; Monoclonal Antibody; MOUSE ANTI DOG CD11d; anti-CD11d antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Dog
Clonality	Monoclonal
Isotype	IgG1
Clone Number	CA11.8H2
Specificity	CD11d
Form/Format	Purified IgG - liquid
Concentration	IgG concentration 1.0 mg/ml (varies by lot)
Applicable Applications for anti-CD11d antibody	IP (Immunoprecipitation), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry)
Preparation	Purified IgG prepared by affinity chromatography on Protein A
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Buffer Solution	Phosphate buffered saline
Immunogen	Affinity purified CD11 antigen from canine spleen.
Flow Cytometry	Use 10ul of the suggested working dilution to the label 10 ⁶ cells or 100ul whole blood.
Preparation and Storage	Store at +4° C or at -20°C if preferred. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: Up to 12 months from date of despatch.

ADDITIONAL INFORMATION

Related Product Information for anti-CD11d antibody	Mouse anti Dog CD11d antibody, clone CA11.8H2 recognizes the canine CD11d cell surface antigen, also known as integrin alpha d subunit. The alpha d integrin (CD11d) subunit is expressed as a heterodimer with beta 2 integrin (CD18). CD11d is expressed by a sub-population of macrophages, some CD8 positive T cells and by gamma/delta T cells in the splenic red pulp. Over expression of CD11d is noted in histiocytic disorders including hemophagocytic sarcoma, described as a proliferative disorder specifically of CD11+ macrophages (Moore. et al. 2006) with macrophages demonstrating marked erythrocytic phagocytosis. Previously, canine histiocytic sarcoma were described as originating entirely from interstitial dendritic cells. Cells from animals with canine hepatosplenic T cell lymphoma (HTSL) strongly express CD11d on malignant cells. Dogs normally demonstrate strong positivity for CD11d on large granular lymphocytes, macrophages and T cells in the splenic red pulp. CD11+ gamma/delta T cells constitute ~30% red pulp T cells despite their rarity in peripheral blood, suggesting a splenic red pulp origin of HTSL (Fry et al. 2003).
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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/cd11d-antibody-clone-ca11-8h2-immunoprecipitation-flow-cytometry-immunohistochemistry-elisa/50262>