

Mouse CD21 Monoclonal Antibody | anti-CD21 antibody

MOUSE ANTI CANINE CD21:RPE

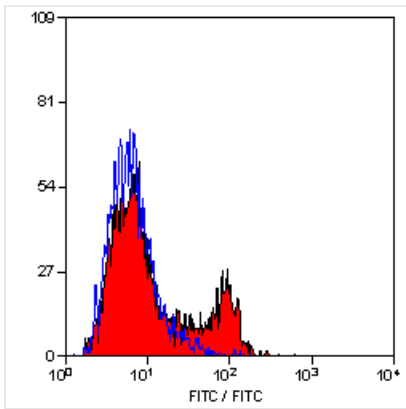
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA49611	Mouse	Horse, Cat, Raccoon N.B. Antibody reactivity and working conditions vary between species	Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

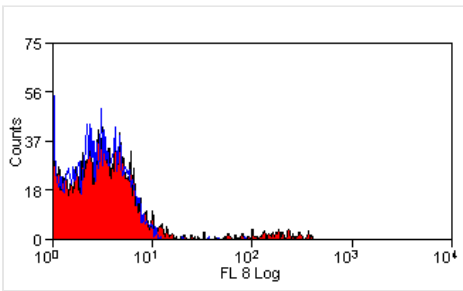
CD21; Monoclonal Antibody; MOUSE ANTI CANINE CD21:RPE; anti-CD21 antibody

PRODUCT SPECIFICATIONS

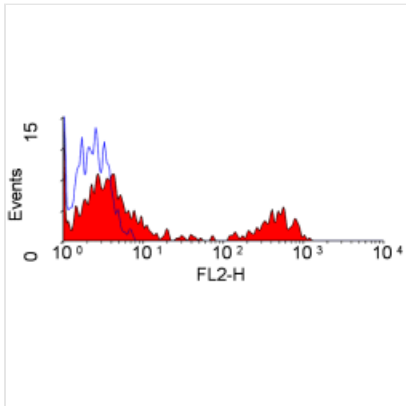
Host	Mouse
Reactivity	Horse, Cat, Raccoon N.B. Antibody reactivity and working conditions vary between species
Clonality	Monoclonal
Isotype	IgG1
Clone Number	CA2.1D6
Form/Format	Purified IgG conjugated to R. Phycoerythrin (RPE) - lyophilised
Applicable Applications for anti-CD21 antibody	FCM/FACS (Flow Cytometry)
Reconstitution	Reconstitute with 1 ml distilled water
Perservative Stabilisers	0.09% Sodium Azide 1% Bovine Serum Albumin
Preparation	Purified IgG prepared by affinity chromatography on Protein G
Max Ex/Em	Fluorophore PE 488nm laser PE 561nm laser Excitation (nm): 496 546 Emission (nm): 578 578
Buffer Solution	Phosphate buffered saline
Target Species	Dog
Preparation and Storage	Prior to reconstitution store at 4°C. Following reconstitution store at 4°C. DO NOT FREEZE This product should be stored undiluted. This product is photosensitive and should be protected from light. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 12 months from date of reconstitution.



Application Data
Staining of canine peripheral blood lymphocytes with Mouse anti Canine CD21



Application Data
Staining of canine peripheral blood lymphocytes with Mouse anti Canine CD21:Alexa Fluor 647



Application Data
Staining of canine peripheral blood lymphocytes with Mouse anti Canine CD21:RPE

ADDITIONAL INFORMATION

Related Product Information for anti-CD21 antibody

Mouse anti Canine CD21 antibody, clone CA2.1D6 recognizes canine CD21, also known as Complement receptor type 2. CD21 is a cell surface antigen expressed by canine B lymphocytes. The antigen recognised may be the canine homologue of human CD21, but this has not been fully confirmed. Mouse anti Canine CD21 antibody, clone CA2.1D6 also recognizes the CD21 antigen in Felids. Expression in cats is analogous to that seen in dogs with strong expression on lymphocytes, in a manner mutually exclusive with expression of CD4 or CD8. Clone CA2.1D6 also immunoprecipitates a 145kDa protein from feline lymphocytes, similar to the protein immunoprecipitated by the antibody from canine lymphocytes (Dean et al. 1996).

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.