

Mouse anti-Bovine CD21 Monoclonal Antibody | anti-CD21 antibody

MOUSE ANTI BOVINE CD21: RPE

CATALOG # AAA50253	HOST Mouse	REACTIVITY Bovine	APPLICATIONS Flow Cytometry, Functional Assay
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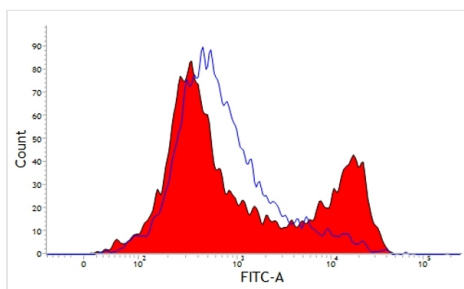
PRODUCT SYNONYMS

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

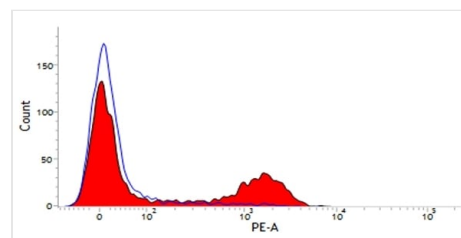
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Bovine
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	CC51
Specificity	CD21
Form/Format	Purified IgG conjugated to R. Phycoerythrin (RPE) - lyophilised
Applicable Applications for anti-CD21 antibody	FCM/FACS (Flow Cytometry)
Reactivity Notes	African Buffalo, Pig
Preparation	Purified IgG prepared by affinity chromatography on Protein A
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃), 1% Bovine Serum Albumin, 5% Sucrose
Buffer Solution	Phosphate buffered saline
Reconstitution	Reconstitute with 1.0 ml distilled water. Care should be taken during reconstitution as the protein may appear as a film at the bottom of the vial. We recommend that the vial is gently mixed after reconstitution.
Preparation and Storage	Store at +4 degree C. DO NOT FREEZE. This product should be stored undiluted. This product is photosensitive and should be protected from light. Shelf Life: 12 months from date of reconstitution

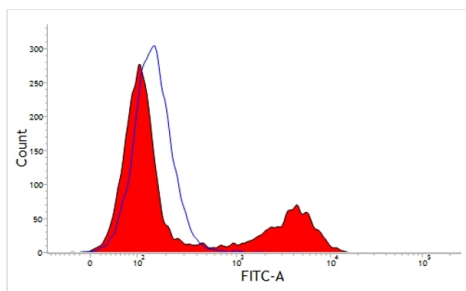
IMAGES


FCM/FACS (Flow Cytometry)

Staining of bovine peripheral blood lymphocytes with Mouse anti Bovine CD21 followed by Goat anti Mouse IgG:FITC


FCM/FACS (Flow Cytometry)

Staining of bovine peripheral blood lymphocytes with Mouse anti Bovine CD21:RPE



FCM/FACS (Flow Cytometry)

Staining of bovine peripheral blood lymphocytes with Mouse anti Bovine CD21:FITC

ADDITIONAL INFORMATION

Related Product Information for anti-CD21 antibody

Mouse anti Bovine CD21 monoclonal antibody, clone CC51 recognizes the bovine homologue of the human CD21 cell surface antigen, a 145 kDa single pass type I membrane glycoprotein containing multiple sushi domains. CD21 is also known as complement receptor type 2 (CR2). In cattle CD21 expression is restricted to B-cells (Naessens et al. 1990). CD21 may be expressed on B-cells as either a long or a short form (Pringle et al. 2012). Mouse anti Bovine CD21, clone CC51 demonstrates cross reactivity with porcine and provides a reliable marker for porcine B-Cells (Sinkora et. al. 2013). In addition to clone CC51, clone CC21 has been demonstrated to recognise CD21 in a range of ruminant and other species.

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://stage.aaabiotech.com/monoclonal/cd21-antibody-clone-cc51-flow-cytometry-elisa/50253>