

Mouse CD45RO Monoclonal Antibody | anti-CD45RO antibody

MOUSE ANTI BOVINE CD45RO

CATALOG # AAA49803	HOST Mouse	APPLICATIONS Immunoprecipitation, Flow Cytometry, Functional Assay
------------------------------	----------------------	--

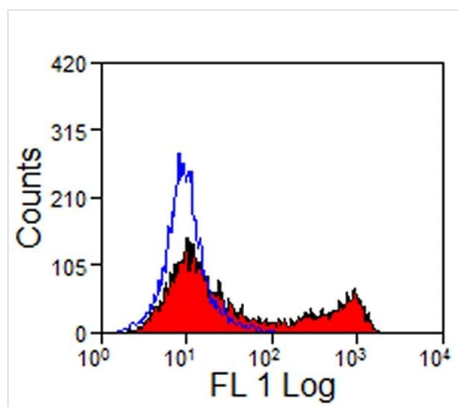
PRODUCT SYNONYMS

CD45RO; Monoclonal Antibody; MOUSE ANTI BOVINE CD45RO; anti-CD45RO antibody

PRODUCT SPECIFICATIONS

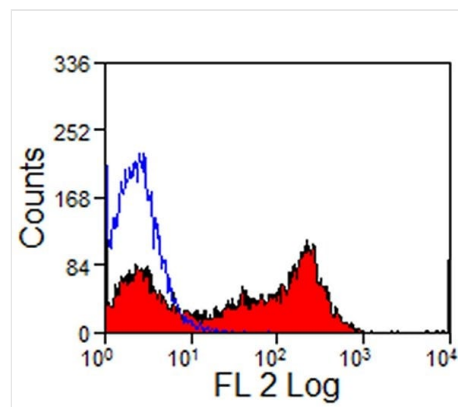
Host	Mouse
Clonality	Monoclonal
Isotype	IgG3
Clone Number	IL-A116
Form/Format	Purified Purified IgG - liquid
Concentration	IgG concentration 1.0 mg/ml (varies by lot)
Applicable Applications for anti-CD45RO antibody	IP (Immunoprecipitation), FCM/FACS (Flow Cytometry)
Perservative Stabilisers	0.09% Sodium Azide (NaN ₃) Preparation
Buffer Solution	Phosphate buffered saline
Target Species	Bovine
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. Storage in frost-free freezers is not recommended. 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: 18 months from date of despatch

IMAGES



Application Data

Staining of bovine peripheral blood lymphocytes with Mouse anti Bovine CD45RO followed by
Goat anti Mouse IgG:FITC



Application Data

Staining of bovine peripheral blood lymphocytes with Mouse anti Bovine CD45RO:RPE

ADDITIONAL INFORMATION

Related Product Information for anti-CD45RO antibody	Mouse anti Bovine CD45RO, clone IL-A116, specifically recognises the bovine homologue of the human CD45RO cell surface antigen.CD45, also known as Leucocyte Common Antigen or LCA, occurs in a number of isoforms, clone IL-A116 is specific for the low molecular weight isoform termed CD45RO, the isoform associated with expression on memory T-cells. Bovine CD45RO is expressed by monocytes, granulocytes and subsets of thymocytes, CD4+ T cells and CD8+ T cells. Studies utilizing clone IL-A116 have demonstrated that the percentage of CD45RO+ CD8+ T cells increase from approximately 5% in neonatal calves to approximately 35% in adult cattle over the age of 5 years (Hogg et al. 2011). It has been demonstrated that mouse anti bovine CD45RO, clone IL-A116 immunoprecipitates a molecule of 180kDa (Bembridge et al 1995) which is analogous to the molecular weight of human and mouse CD45RO.Clone IL-A116 has been demonstrated to recognise the CD45RO cell surface antigen by flow cytometry in both European cattle, Bos taurus, and in Zebu, B.indicus (Bembridge et al 1995).
--	---

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd45ro-antibody-clone-il-a116-immunoprecipitation-flow-cytometry-elisa/49803>