

Mouse CD4a Monoclonal Antibody | anti-CD4a antibody

MOUSE ANTI PIG CD4a:RPE

CATALOG # AAA49478	HOST Mouse	APPLICATIONS Flow Cytometry, Functional Assay
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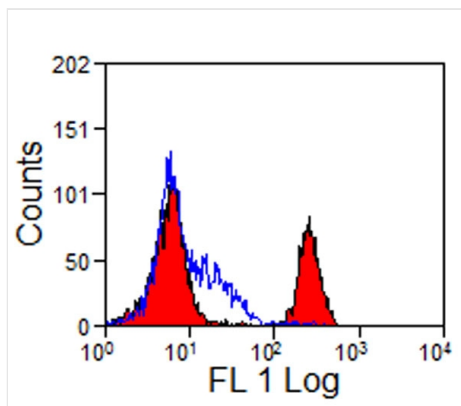
PRODUCT SYNONYMS

CD4a; Monoclonal Antibody; MOUSE ANTI PIG CD4a:RPE; anti-CD4a antibody

PRODUCT SPECIFICATIONS

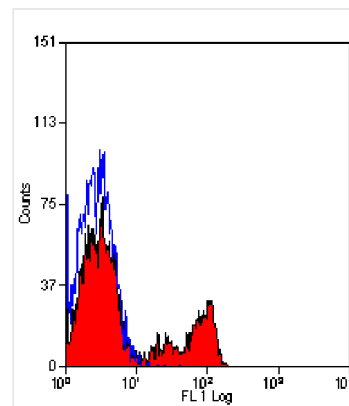
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	MIL17
Form/Format	Purified IgG conjugated to R. Phycoerythrin (RPE) - lyophilised
Applicable Applications for anti-CD4a antibody	FCM/FACS (Flow Cytometry)
Reconstitution	Reconstitute with 1.0 ml distilled water Perservative Stabilisers
Buffer Solution	Phosphate buffered saline
Target Species	Pig
Preparation and Storage	Prior to reconstitution store at 4 degree C. Following reconstitution store at 4 degree 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.

IMAGES



Application Data

Staining of porcine peripheral blood lymphocytes with Mouse anti Porcine CD4a followed by Goat anti Mouse IgG:FITC



Application Data

Staining of porcine peripheral blood lymphocytes with Mouse anti Porcine CD4a:FITC

ADDITIONAL INFORMATION

Related Product Information for anti-CD4a antibody	Mouse anti Porcine CD4a, clone MIL17 recognizes a 55kDa porcine homologue to the human CD4 antigen found on the surface of helper-T cells. MIL-17 was confirmed as a member of the CD4a cluster at the "Third International Workshop on Swine Leukocyte Differentiation Antigens" (Haverson et al. 2001). Porcine CD4 is a type 1 trans-membrane member of the immunoglobulin superfamily. Pigs appear unusual amongst mammalian species as they appear to have four populations of resting T lymphocytes. In addition to the two populations of mutually exclusive CD4+/CD8- and CD4-/CD8+ lymphocytes, they also appear to have significant populations of CD4-/CD8- and CD4+/CD8+ cells. Lymphoblasts with a double positive phenotype have been described in other species but this is not the case for mature T lymphocytic calls (Saalmuller et al. 1987) Mouse anti Pig CD4a, clone MIL17 stains a population of cells with characteristic lymphocyte morphology in immunohistochemistry (Inman et al. 2010).
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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://stage.aaabiotech.com/monoclonal/cd4a-antibody-clone-mil17-flow-cytometry-elisa/49478>