

Rat CD45 Monoclonal Antibody | anti-CD45 antibody

RAT ANTI DOG CD45:RPE

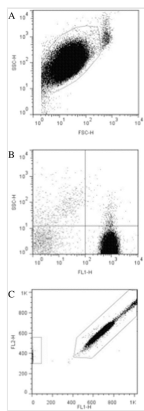
CATALOG # AAA49558	HOST Rat	APPLICATIONS Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

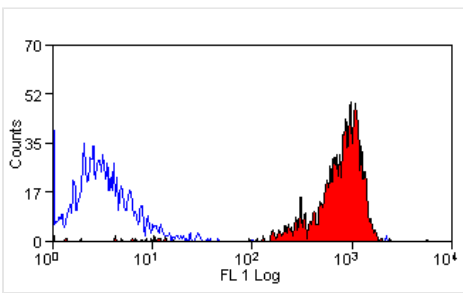
CD45; Monoclonal Antibody; RAT ANTI DOG CD45:RPE; anti-CD45 antibody

PRODUCT SPECIFICATIONS

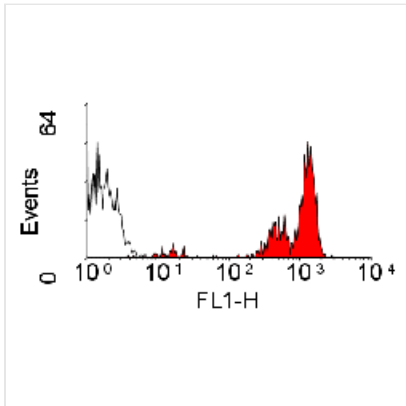
Host	Rat
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	YKIX716.13
Form/Format	Purified IgG conjugated to R. Phycoerythrin (RPE) - lyophilised
Applicable Applications for anti-CD45 antibody	FCM/FACS (Flow Cytometry)
Reconstitution	Reconstitute with 1ml distilled water Perservative Stabilisers
Buffer Solution	Phosphate buffered saline
Target Species	Dog
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.



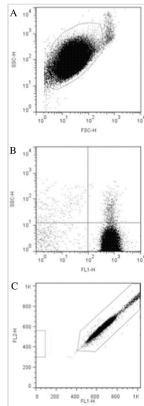
Application Data
Staining of canine peripheral blood lymphocytes with Rat anti Canine CD45:Alexa Fluor488



Application Data
Published customer image: Flow cytometric analyses of optimized platelet samples after density barrier centrifugation. (A) Log forward and side scatter chart of platelet population (gated) with minimal contaminating cells. (B) Fluorescence chart of CD45 (FL2) and CD61 (FL1) antibody-labeled samples. Average CD61+: 99.47%±0.21% (n=73). Average CD45+: 0.19%±0.04% (n=73). (C) LeucoCOUNT chart for sample showing residual leukocytes (left gate) and LeucoCOUNT beads (right gate).From: Trichler SA, Bulla SC, Thomason J, Lunsford KV, Bulla C. Ultra-pure platelet isolation from canine whole blood. BMC Vet Res. 2013 Jul 17;9:144.



Application Data
Staining of canine peripheral blood lymphocytes with Rat anti Canine CD45:FITC



Application Data
Published customer image: Flow cytometric analyses of optimized platelet samples after density barrier centrifugation. (A) Log forward and side scatter chart of platelet population (gated) with minimal contaminating cells. (B) Fluorescence chart of CD45 (FL2) and CD61 (FL1) antibody-labeled samples. Average CD61+: 99.47%±0.21% (n=73). Average CD45+: 0.19%±0.04% (n=73). (C) LeucoCOUNT chart for sample showing residual leukocytes (left gate) and LeucoCOUNT beads (right gate).From: Trichler SA, Bulla SC, Thomason J, Lunsford KV, Bulla C. Ultra-pure platelet isolation from canine whole blood. BMC Vet Res. 2013 Jul 17;9:144.

ADDITIONAL INFORMATION

Related Product Information for anti-CD45 antibody	Rat anti Dog CD45 antibody, clone YKIX716.13 recognizes canine CD45 also known as leukocyte common antigen clustered as Canine CD45 in the First Canine Leukocyte Antigen Workshop (CLAW). Clone YKIX 716.13: immunoprecipitates an antigen of 180/200kD from Con-A blasts (Cobbold et al. 1994). CD45 is expressed on all leukocytes in canine peripheral blood. Rat anti Dog CD45 antibody, clone YKIX716.13 reacts with CD45 on all outbred mongrels and beagles tested and may be against CD45RB isoform.
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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/cd45-antibody-clone-ykix716-13-flow-cytometry-elisa/49558>