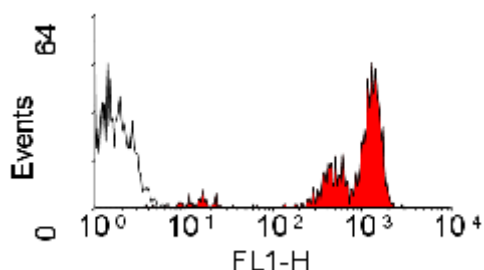


Monoclonal Antibody to Canine CD45 -FITC

Catalog No.:	SM415F
Quantity/Conc.:	0.1 mg / 0.1 mg/ml
Clone:	YKIX 716.13
Immunogen:	Canine thymocytes
Host/Isotype:	Rat IgG2b
Format:	This antibody is supplied as liquid, Protein G affinity purified immunoglobulin fraction, conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) in PBS buffer with 0.09% sodium azide as preservative and 1% BSA as stabilizer.
Applications:	Flow cytometry: neat – 1/5; use 10 µl of the suggested working dilution to label 10 ⁶ cells. Optimal dilutions of this antibody are dependent on conditions and should be determined by the user.



Staining of canine peripheral blood lymphocytes with rat anti-canine CD45: FITC (SM415F)

Specificity:	This antibody, clone YKIX 716.13, was clustered as canine CD45 in the First Canine Leucocyte Antigen Workshop (CLAW). It immunoprecipitates an antigen of 180/200kD from Con-A blast (1). CD45 is expressed on all leukocytes in canine peripheral blood and may be against the CD45RB isoform. This antibody reacts with CD45 on all outbred mongrels and beagles tested.
Storage:	Store the antibody at 4-8°C for one month or at -20°C for longer. This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

References:

1. Cobbold, S and Metcalfe, S. (1994). Monoclonal antibodies that define canine homologues of human CD antigens: summary of the First International Canine Leukocyte Antigen Workshop (CLAW). *Tissue Antigens*. 43: 137 - 154.

SM415F/ME1203

For research and *in vitro* use only. Not for diagnostic or therapeutic work.
Material Safety Datasheets are available at www.acris-antibodies.com or on request.

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