

## Product datasheet for **SM415B**

### CD45 Rat Monoclonal Antibody [Clone ID: YKIX716.13]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	YKIX716.13
Applications:	FC
Recommended Dilution:	<b>Flow Cytometry</b> (Neat).
Reactivity:	Canine
Host:	Rat
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Canine thymocytes. Spleen cells from immunised DA rats were fused with cells of the Y3/Ag1.2.3 rat myeloma cell line.
Specificity:	Clustered as CD45 in the First Canine Leukocyte Antigen Workshop. This antibody reacts with CD45 on all outbred mongrels and beagles tested. 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.
Formulation:	PBS Label: Biotin State: Liquid purified IgG fraction Stabilizer: 1% BSA Preservative: 0.09% Sodium Azide
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein G
Conjugation:	Biotin
Background:	Expressed on all leukocytes in canine peripheral blood. (May be against CD45RB isoform).



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**Synonyms:**

Leukocyte common antigen, L-CA, PTPRC, T200, CD45RB, CD45RO, CD45RA, CD45R