

## Monoclonal Antibody to CD45 (CD45R) - Purified

<b>Alternate names:</b>	CD45R, L-CA, Leukocyte common antigen, PTPRC, T200
<b>Catalog No.:</b>	SM416P
<b>Quantity:</b>	0.25 mg
<b>Concentration:</b>	1.0 mg/ml
<b>Background:</b>	It is expressed on subsets of leucocytes (neutrophils are weak) in canine blood of all out bred mongrels and beagles tested.
<b>Host / Isotype:</b>	Rat / IgG2b
<b>Clone:</b>	YKIX753.22.2
<b>Immunogen:</b>	Canine thymocytes. Spleen cells from immunised DA rat were fused with cells of the Y3/Ag1.2.3 rat myeloma cell line.
<b>Format:</b>	<b>State:</b> Liquid purified IgG <b>Purification:</b> Affinity chromatography on Protein G <b>Buffer System:</b> Containing 0.09% Sodium Azide
<b>Applications:</b>	Cytotoxic Assays. Immunoprecipitation: It precipitates an antigen of 220kD from Con A Blasts and may be against a CD45R isoform. Immunohistochemistry on frozen sections. Flow Cytometry: 1/50 - 1/100; Use 10µl of the suggested working dilution to label 1 x 10e6 cells in 100µl. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This antibody was clustered as a CD45R at the first canine Leukocyte Antigen workshop. <b>Species:</b> Dog. Other species not tested.
<b>Storage:</b>	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
<b>General Readings:</b>	1. Cobbold S, Metcalfe S. Monoclonal antibodies that define canine homologues of human CD antigens: summary of the First International Canine Leukocyte Antigen Workshop (CLAW). Tissue Antigens. 1994 Mar;43(3):137-54. PubMed PMID: 8091414.