Anti-CD45R [YKIX 753.22.2] Standard Size Ab00598-202.1

This chimeric dog antibody was made using the variable domain sequences of the original Rat IgG2b format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Dog IgG4 (IgG-D), Kappa
Clone Number: YKIX 753.22.2
Alternative Name(s) of Target: CPTPRC; D45 R; L-CA; Leukocyte common antigen; T200; B220; GP180; LCA; LY5; Ly-5; protein tyrosine phosphatase; receptor type C
UniProt Accession Number of Target Protein:
Published Application(s): Depletion, IP, FC
Published Species Reactivity: Dog
Immunogen: YKIX 753.22.2 was prepared by immunizing DA rats with canine thymocytes.
Specificity: YKIX 753.22 binds specifically to CD45R. CD45R is an isoform of CD45 derived from alternative splicing from a single gene, and is expressed on B cells and peripheral T cells. When used in conjunction with YKIX 716.13, this antibody has been reported to promote cell depletion via antibody-dependent cell-mediated cytotoxicity.
Application Notes: YKIX 753.22.2 can be used for FC and IP. It can also be used in conjunction with YKIX 716.13 to promote cell depletion via antibody-dependent cell-mediated cytotoxicity.
Antibody First Published in: Cobbold et al. 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. PMID:8091414
Note on publication: Describes the binding specificity and characterisation (by IF staining and FACS, and IP) of antibodies against canine equivalents of human CD antigens.

Product Form

Size: 200 µg Purified antibody.
Purification: Protein A affinity purified
Supplied In: PBS with 0.02% Proclin 300.
Storage Recommendation: Store at 4ºC for up to 3 months. For longer storage, aliquot and store at -20ºC.
Concentration: 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic

procedures for humans or animals.