Anti-MHC II [YKIX 334.2] Bulk Size Ab00600-7.1-BT

Isotype and Format: Rat IgG2a, Kappa
Clone Number: YKIX 334.2
Alternative Name(s) of Target: MHC class 2; MHC class II; MHC 2; HLA Class II; Human Leukocyte antigen class II; Major histocompatibility complex class II
UniProt Accession Number of Target Protein:
Published Application(s): IP, Block, FC, IHC
Published Species Reactivity: Dog
Immunogen: YKIX 334.2 was prepared by immunizing rats with concanavilin A activated canine peripheral blood cells.
Specificity: YKIX 334.2 binds specifically to the MHC II beta chain. In dogs, MHC Class II is expressed on the surface of all peripheral blood mononuclear cells where it has a central role in the immune system by presenting peptides derived from extracellular proteins. Class II molecules are expressed in antigen presenting cells (B lymphocytes, dendritic cells, macrophages).
Application Notes: YKIX 334.2 immunoprecipitates an antigen of 32/34kD and can has been shown to block the proliferation of MHC Class II dependent responses in vitro. This antibody can also be used for IHC-Fr and FC.
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: 1 mg Purified antibody in bulk size.
Purification: Protein A affinity purified
Supplied In: PBS only.
Storage Recommendation: Store at 4^{o}C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommed this antibody be handled under sterile conditions. For longer storage, aliquot and store at -20^{o}C.
Concentration: 1 mg/ml.

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

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procedures for humans or animals.

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