

Anti-MHC II [YKIX 334.2] Standard size

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Description: Recombinant monoclonal antibody to MHC II. Manufactured using AbAb's Recombinant Platform with variable regions (i.e. specificity) from the hybridoma YKIX 334.2. This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

Isotype and Format: Rat IgG2a, [Fc Silent™](#), kappa

Clone Number: YKIX 334.2

UniProt Accession Number of Target Protein:

Published Application(s): FC; IP; block, IHC

Published Species Reactivity: Dog

Immunogen: YKIX 334.2 was prepared by immunizing rats with concanavalin 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).

Antibody First Published in:

Cobbold et al. 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

This is a Standard size product. Purified antibody.

Purification: Protein A affinity purified

Supplied in: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Concentration: See vial label

Product Code: Ab00600-7.4

Rat IgG2a

Important note - This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.