

## Anti-MHC II [YKIX 334.2] Bulk 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 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).

**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 Bulk size product. Purified antibody in bulk size.

**Purification:** Protein A affinity purified

**Supplied in:** PBS only.

**Storage Recommendation:** Store at 4°C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommended this antibody be handled under sterile conditions. For longer storage, aliquot and store at -20°C.

**Concentration:** See vial label

**Product Code:** Ab00600-7.4-BT

## 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.