

Monoclonal Antibody to Canine MHC Class II -FITC

| | |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Catalog No.: | SM421F |
| Quantity/Conc.: | 0.1 mg / 0.1 mg/ml |
| Clone: | YKIX.334.2 |
| Host/Isotype: | Rat IgG2a |
| Immunogen: | Con A activated canine peripheral blood cells |
| Format: | This antibody is supplied as liquid, Protein G affinity purified immunoglobulin fraction, conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) in PBS buffer with 0.09% sodium azide as preservative and 1% BSA as stabilizer. |
| Applications: | Flow cytometry: use 10 µl of neat antibody to label 10 ⁶ cells. Optimal dilutions of this antibody are dependent on conditions and should be determined by the user. |
| Specificity: | This antibody recognises canine MHC Class II and was classified at the First Canine Leucocyte Antigen Workshop. The antibody immunoprecipitates an antigen of 32/34kD and blocks the proliferation of MHC Class II dependent responses in vitro. In dogs, MHC Class II is expressed by all peripheral blood mononuclear cells. |
| Storage: | Store the antibody at 4-8°C for one month or at -20°C for longer. This product should be stored undiluted. This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing. Shelf life: one year from despatch. |
| References: | <ol style="list-style-type: none">1. Cobbold, S. and Metcalfe, S. (1994). Monoclonal antibodies that define canine homologues of human CD antigens: summary of the first International Canine Leucocyte Antigen Workshop. <i>Tissue Antigens</i> 43: 137-154.2. Watson, C.J.E. et al. (1994). Immunosuppression of canine renal allograft recipients by CD4 and CD8 monoclonal antibodies. <i>Tissue Antigens</i> 43: 155-162. |

SM421F/ME0803

For research and *in vitro* use only. Not for diagnostic or therapeutic work.
Material Safety Datasheets are available at www.acris-antibodies.com or on request.

Antibody Hotline - Technical Questions - Antibody Location Service
0800-2274746
service@acris-antibodies.de

www.acris-antibodies.com