

Monoclonal Antibody to Canine CD8 - PE

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| Catalog No.: | SM411R |
| Quantity/Conc.: | 1.0 ml (100 Tests) |
| Clone: | YCATE 55.9 |
| Host/Isotype: | Rat IgG1 |
| Immunogen: | Canine CD8alpha chimaeric human IgG1 Fc fusion protein. |
| Format: | This antibody was lyophilised from PBS buffer with 0.09% sodium azide as preservative and 1% BSA as stabilizer. This Protein G affinity purified immunoglobulin fraction is conjugated to R. Phycoerythrin (PE). Reconstitute with 1ml distilled water. |
| Applications: | Flow cytometry: use 10 µl of neat antibody to label 10 ⁶ cells in 100 µl. Optimal dilutions of this antibody are dependent on conditions and should be determined by the user. |
| Specificity: | SM411R recognises the canine CD8 cell surface antigen, expressed by cytotoxic/suppressor T cells. The antibody binds to CD8 alpha. |
| Storage: | Prior to reconstitution store at +4°C. Following reconstitution store at +4°C. DO NOT FREEZE. This product should be stored undiluted. This product is photosensitive and should be protected from light. Shelf life: one year from despatch. |
| References: | <ol style="list-style-type: none">1. Cobbold, S. & Metcalfe, S. (1994) Monoclonal antibodies that define canine homologues of human CD antigens: summary of the First International Canine Leukocyte Antigen Workshop (CLAW). <i>Tissue Antigens</i>, 43: 137-154.2. Gorman, S., et al. (1994). Isolation and expression of cDNA encoding the canine CD4 and CD8alpha antigens. <i>Tissue Antigens</i>, 43: 184-188.3. Watson, C.J.E., et al. (1993). CD4 and CD8 monoclonal antibody therapy: strategies to prolong renal allograft survival in the dog. <i>Brit. J. Surg.</i> 80: 1389-1392. |

SM411R/PB0705

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
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