

## Monoclonal Antibody to Canine CD45

<b>Catalog No.:</b>	SM1581
<b>Quantity/Conc.:</b>	2.0 ml
<b>Clone:</b>	CA12.10C12
<b>Host/Isotype:</b>	Mouse IgG1
<b>Format:</b>	This antibody is supplied as liquid, Tissue Culture Supernatant with 0.09% sodium azide as preservative.
<b>Applications:</b>	Flow cytometry: use 10 µl of neat antibody to label 10 <sup>6</sup> cells. Immunohistochemistry on frozen sections. Other applications not tested. Optimal dilutions of this antibody are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This antibody recognises the canine homologue of CD45. Clone CA12.10C12 recognises a glycoprotein of approximately 200kD which is expressed by cells of haemopoietic origin.
<b>Storage:</b>	Store the antibody at 4-8°C for one month or at -20°C for longer. This product should be stored undiluted. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
<b>References:</b>	1. Caniatti, M. et al. (1996). Canine lymphoma: immunocytochemical analysis of fine-needle aspiration biopsy. <i>Vet. Pathol.</i> 33: 204-12. 2. 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.

SM1581/ME0603

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

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