

Monoclonal Antibody to Bovine CD8b -PE

Catalog No.:	SM439R
Quantity/Conc.:	100 Tests, 1 ml
Clone:	CC58
Host/Isotype:	Mouse IgG1
Format:	This antibody was lyophilised from PBS with 0.09% sodium azide as preservative and 1% BSA as stabilizer. This Protein G affinity purified immunoglobulin fraction is conjugated to R. Phycoerythrin (RPE).
Applications:	Flow cytometry: neat – 1/10; use 10µl of the suggested working dilution to label 10 ⁶ cells. Suitable for immunohistochemistry on frozen sections; paraffin sections not tested. Immunoprecipitation. Optimal dilutions of this antibody are dependent on application and should be determined by the user.
Specificity:	This antibody recognises the bovine CD8 cell surface antigen, binding to an epitope expressed only on CD8b positive cells. Clone CC58 is reported to cross react with caprine (4) and ovine (3) (4). Antibody reactivity and working conditions may vary between species.
Storage:	Prior to reconstitution store at +4°C. Following reconstitution store at +4°C. DO NOT FREEZE. This product should be stored undiluted. Shelf life: one year from despatch.
References:	<ol style="list-style-type: none">1. Howard, C.J. et al. (1991). Summary of workshop findings for leukocyte antigens of cattle. <i>Vet. Immunol. Immunopathol.</i> 27: 21-27.2. Howard, C.J. and Naessens, J. (1993). Summary of workshop findings for cattle. <i>Vet. Immunol. Immunopathol.</i> 39: 25-48.3. Naessens, J. et al. (1997). Nomenclature and characterization of leukocyte differentiation antigens in ruminants. <i>Immunology Today</i> 18: 365-368.4. Hein, W. R. et al. (1991). Summary of workshop findings for leukocyte antigens of sheep. <i>Vet. Immunol. Immunopathol.</i> 27: 28-30.

SM439R/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
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