

Monoclonal Mouse Antibody to Ovine CD45R

Catalog No.:	SM2030P
Quantity/Conc.:	0.25mg / 1.0 mg/ml
Clone:	20.96
Immunogen:	Ovine thymocytes
Host/Isotype:	Mouse IgG1
Format:	This antibody is supplied as liquid, Protein G affinity purified IgG fraction, in PBS pH7.4 with 0.09% Sodium Azide as preservative.
Applications:	Flow Cytometry (1:50 – 1:100, use 10ul to label 10 ⁶ cells in 100ul), Immunohistology (frozen sections), Immunoprecipitation. Other applications not tested. Optimal dilutions of this antibody are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognizes the ovine CD45R cell surface antigen, a 220kD glycoprotein, which is expressed by all B lymphocytes and a subset of T lymphocytes. In immunohistochemical staining the antibody labels all lymphocytes within the B cell follicles as well as scattered cells in interfollicular areas. This clone has been reported to react with paraffin-embedded material following alcohol fixation. Please refer to ref. Sainte Marie, <i>et al</i> for alcohol fixation protocol. Other species not tested.
Storage:	Store the antibody at 4-8°C for one month or at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
References:	<ol style="list-style-type: none">1. Mackay, C. <i>et al.</i> (1987). A monoclonal antibody to the p220 component of sheep LCA identifies B cells and a unique lymphocyte subset. <i>Cell. Immunol.</i> 110: 46 -552. Sainte Marie, G. <i>et al.</i> (1962). A paraffin embedding technique for studies employing immunofluorescence. <i>J. Histochem. Cytochem.</i> 10: 250

SM2030P/CH0405

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Material Safety Datasheets are available at www.acris-antibodies.com or on request.

Antibody Hotline • Technical Questions • Antibody Location Service
Free Call: 0800-2274746 (Germany only)
service@acris-antibodies.de

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