

## Datasheet: MCA1750

**BATCH NUMBER 174272**

<b>Description:</b>	MOUSE ANTI PIG CD45RC
<b>Specificity:</b>	CD45RC
<b>Format:</b>	S/N
<b>Product Type:</b>	Monoclonal Antibody
<b>Clone:</b>	MIL15
<b>Isotype:</b>	IgM
<b>Quantity:</b>	2 ml

### Product Details

#### Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.bio-rad-antibodies.com/protocols](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry	▪			Neat
Immunohistology - Frozen	▪			
Immunohistology - Paraffin	▪			
ELISA			▪	
Immunoprecipitation			▪	
Western Blotting			▪	

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

<b>Target Species</b>	Pig
<b>Product Form</b>	Tissue culture supernatant - liquid
<b>Preparation</b>	Tissue culture supernatant containing 5-10% foetal calf serum
<b>Preservative Stabilisers</b>	0.09% sodium azide (NaN <sub>3</sub> )
<b>Immunogen</b>	Cells isolated from porcine mesenteric lymph node.
<b>RRID</b>	AB_2174250

<b>Specificity</b>	<b>Mouse anti Pig CD45RC, clone MIL15</b> recognizes a restricted CD45 epitope encoded by the CD45 C exon and will bind and immunoprecipitate both the ~210 kDa RC and ~226 kDa RAC isoforms. MIL15, binds to an epitope alternative to that bound by clone MIL5, also against CD45RC differing in their ability to stain B cells in tissue sections ( <a href="#">Zuckerman et al. 2001</a> ).
<b>Flow Cytometry</b>	Use 10µl of the suggested working dilution to label 10 <sup>6</sup> cells in 100µl
<b>References</b>	1. Zuckermann, F.A. <i>et al.</i> (2001) Characterization of monoclonal antibodies assigned to the CD45 subgroup of the Third International Swine CD Workshop. <a href="#">Vet Immunol Immunopathol. 80 (1-2): 165-74.</a>
<b>Further Reading</b>	1. Piriou-Guzylack, L. (2008) Membrane markers of the immune cells in swine: an update. <a href="#">Vet Res. 39: 54.</a>
<b>Storage</b>	This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.  Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.
<b>Guarantee</b>	12 months from date of despatch
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10053 available at: <a href="https://www.bio-rad-antibodies.com/SDS/MCA1750">https://www.bio-rad-antibodies.com/SDS/MCA1750</a>
<b>Regulatory</b>	For research purposes only

## Related Products

### Recommended Secondary Antibodies

Goat Anti Mouse IgM (STAR138...) [Alk. Phos.](#)

Goat Anti Mouse IgG IgA IgM (STAR87...) [HRP](#)

### Recommended Negative Controls

[MOUSE IgM NEGATIVE CONTROL \(MCA692\)](#)

**Product inquiries:** [www.bio-rad-antibodies.com/technical-support](http://www.bio-rad-antibodies.com/technical-support)

To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](http://bio-rad-antibodies.com/datasheets)  
'M451012:260622'

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