

Datasheet: MCA2094B

Description:	MOUSE ANTI PIG INTERLEUKIN-18:Biotin
Specificity:	IL-18
Other names:	IGIF
Format:	Biotin
Product Type:	Monoclonal Antibody
Clone:	5-C-5
Isotype:	IgG1
Quantity:	0.25 mg

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.

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA	▪			
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.

Target Species	Pig
Product Form	Purified IgG conjugated to biotin - liquid
Preparation	Purified IgG prepared by affinity chromatography on Protein A from tissue culture supernatant
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% sodium azide (NaN ₃)
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml

External Database Links	UniProt: O19073 Related reagents
	Entrez Gene: 397057 IL18 Related reagents
Synonyms	IGIF
RRID	AB_2123662
Specificity	Mouse anti Pig Interleukin-18 antibody, clone 5-C-5 recognizes natural and recombinant porcine IL-18. Mouse anti Pig Interleukin-18 antibody, clone 5-C-5 does not recognize porcine IL-1beta, IL-8, IL-12 or IFNgamma, nor does it cross react with human or murine IL-18.
ELISA	Biotin conjugated Mouse anti Pig interleukin-18 antibody, clone 5-C-5 may be used as a detection reagent in a sandwich ELISA assays in combination with MCA2093 as capture reagent.
References	<p>1. Muneta, Y. <i>et al.</i> (2000) Detection of porcine interleukin-18 by sandwich ELISA and immunohistochemical staining using its monoclonal antibodies. J Interferon Cytokine Res. 20 (3): 331-6.</p> <p>2. Lee, B.M. <i>et al.</i> (2011) Enhanced protection against infection with transmissible gastroenteritis virus in piglets by oral co-administration of live attenuated <i>Salmonella enterica</i> serovar Typhimurium expressing swine interferon-α and interleukin-18. Comp Immunol Microbiol Infect Dis. 34 (4): 369-80.</p>
Storage	<p>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.</p> <p>Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.</p>
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/MCA2094B 10040
Regulatory	For research purposes only

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

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