

Datasheet: MCA2093

BATCH NUMBER 1603

Description:	MOUSE ANTI PIG INTERLEUKIN-18
Specificity:	IL-18
Other names:	IGIF
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	7-G-8
Isotype:	IgG1
Quantity:	0.5 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	▪			5ug/ml as coating antibody
Immunoprecipitation			▪	
Western Blotting	▪			

Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. It is recommended that the user titrates the antibody for use in their own system using appropriate negative/positive control.

Target Species	Pig
Product Form	Purified IgG - liquid
Preparation	Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide

Carrier Free	Yes
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
External Database Links	<p>UniProt: O19073 Related reagents</p> <p>Entrez Gene: 397057 IL18 Related reagents</p>
Synonyms	IGIF
RRID	AB_2248903
Specificity	Mouse anti Porcine interleukin-18 antibody, clone 7-G-8 recognizes natural and recombinant porcine IL-18. The antibody does not recognize porcine IL-1beta, IL-8, IL-12 or IFN γ , nor does it cross react with human or murine IL-18.
ELISA	This antibody may be used as a capture reagent in an sandwich ELISA pair with MCA2094B as detection antibody.
References	<ol style="list-style-type: none"> 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. 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.
Storage	<p>Store at +4°C or at -20°C if preferred.</p> <p>This product should be stored undiluted.</p> <p>Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.</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/MCA2093 10040
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Rabbit Anti Mouse IgG (STAR12...)	RPE
Goat Anti Mouse IgG IgA IgM (STAR87...)	HRP
Goat Anti Mouse IgG (STAR76...)	RPE
Rabbit Anti Mouse IgG (STAR13...)	HRP
Goat Anti Mouse IgG (STAR70...)	FITC
Goat Anti Mouse IgG (H/L) (STAR117...)	Alk. Phos. , DyLight®488 , DyLight®550 , DyLight®650 , DyLight®680 , DyLight®800 , FITC , HRP
Rabbit Anti Mouse IgG (STAR9...)	FITC
Goat Anti Mouse IgG (STAR77...)	HRP
Goat Anti Mouse IgG (Fc) (STAR120...)	FITC , HRP

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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
'M366176:200529'

Printed on 18 Jan 2024