

Datasheet: MCA2359Z

Description:	MOUSE ANTI PIG TNF ALPHA:Preservative Free
Specificity:	TNF ALPHA
Format:	Preservative Free
Product Type:	Monoclonal Antibody
Clone:	4F4
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	▪			
Immunoprecipitation			▪	
Western Blotting			▪	
Functional Assays	▪			

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 to a concentration equivalent to their test reagent.

Target Species	Pig
Product Form	Purified IgG - liquid
Preparation	Purified IgG prepared by affinity chromatography on Protein A from tissue culture supernatant
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	None present
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml

Immunogen	Recombinant porcine TNF alpha.
External Database Links	<p>UniProt: P23563 Related reagents</p> <p>Entrez Gene: 397086 TNF Related reagents</p>
Synonyms	TNFA, TNFSF2
RRID	AB_2271887
Specificity	<p>Mouse anti Porcine TNF alpha antibody, clone 4F4 recognizes porcine tumour necrosis factor- alpha (TNF alpha). The antibody recognizes both native and recombinant TNF alpha.</p> <p>TNF alpha is expressed by a range of cells including macrophages and monocytes, and is an important mediator of the porcine inflammatory response.</p> <p>Mouse anti Porcine TNF alpha antibody, clone 4F4 is reported to neutralize the effects of porcine TNF alpha in <i>in vitro</i> cytotoxicity assays using WEHI 164 clone 13 murine fibrosarcoma cells (Su et al. 1992).</p>
References	1. Su, X. <i>et al.</i> (1992) Monoclonal antibodies to porcine tumor necrosis factor alpha development of an enzyme-linked immunoabsorbant assay. J Immunoassay 13:253-72.
Storage	<p>Store at -20°C.</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 #10162 available at: 10162: https://www.bio-rad-antibodies.com/uploads/MSDS/10162.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

- Goat Anti Mouse IgG IgA IgM (STAR87...) [Alk. Phos.](#), [HRP](#)
- Goat Anti Mouse IgG (STAR77...) [HRP](#)
- Rabbit Anti Mouse IgG (STAR12...) [RPE](#)

Rabbit Anti Mouse IgG (STAR8...)	DyLight@800
Rabbit Anti Mouse IgG (STAR13...)	HRP
Goat Anti Mouse IgG (STAR76...)	RPE
Goat Anti Mouse IgG (STAR70...)	FITC
Goat Anti Mouse IgG (Fc) (STAR120...)	FITC , HRP
Rabbit Anti Mouse IgG (STAR9...)	FITC
Goat Anti Mouse IgG (H/L) (STAR117...)	Alk. Phos. , DyLight@488 , DyLight@680 , DyLight@800 , FITC , HRP

Recommended Negative Controls

[MOUSE IgG1 NEGATIVE CONTROL \(MCA928\)](#)

North & South America	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: antibody_sales_us@bio-rad.com	Worldwide	Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: antibody_sales_uk@bio-rad.com	Europe	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: antibody_sales_de@bio-rad.com
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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

'M366708:200529'

Printed on 21 Mar 2022