

Datasheet: MCA1943Z

BATCH NUMBER 0715

Description:	MOUSE ANTI CHICKEN INTERLEUKIN-2:Preservative Free
Specificity:	IL-2
Format:	Preservative Free
Product Type:	Monoclonal Antibody
Clone:	4F12
Isotype:	IgG2a
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	▪			5 - 10 ug/ml
Immunoprecipitation			▪	
Western Blotting			▪	
Functional Assays	▪			2 - 20 ug/ml
ELISpot	▪			

Where this antibody 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 antibody for use in their own system using appropriate negative/positive controls.

Target Species	Chicken
Species Cross Reactivity	Does not react with:Bovine, Human
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	None present
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	Recombinant chicken IL-2.
RRID	AB_2125722
Fusion Partners	Spleen cells from immunised mice were fused with cells of the mouse Sp2/0-Ag myeloma cell line.
Specificity	<p>Mouse anti Chicken Interleukin-2 antibody, clone 4F12 recognizes natural and recombinant chicken IL-2 expressed in either <i>E.coli</i> or CHO cells.</p> <p>Mouse anti Chicken Interleukin-2 antibody, clone 4F12 can be used as the neutralising antibody for bioassays with recombinant chicken IL-2).</p>
References	<ol style="list-style-type: none"> Rothwell, L. <i>et al.</i> (2001) Production and characterisation of monoclonal antibodies specific for chicken interleukin-2. Vet Immunol Immunopathol. 83 (3-4): 149-60. Del Cacho, E. <i>et al.</i> (2012) Induction of Protective Immunity against Eimeria tenella, Eimeria maxima, and Eimeria acervulina Infections Using Dendritic Cell-Derived Exosomes. Infect Immun. 80: 1909-16. Jarocka, U. <i>et al.</i> (2015) A biosensor based on electroactive dipyrromethene-Cu(II) layer deposited onto gold electrodes for the detection of antibodies against avian influenza virus type H5N1 in hen sera. Anal Bioanal Chem. 407 (25): 7807-14.
Storage	<p>Store at -20°C only.</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: https://www.bio-rad-antibodies.com/SDS/MCA1943Z 10162
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Rabbit Anti Mouse IgG (STAR12...) [RPE](#)

Goat Anti Mouse IgG IgA IgM (STAR87...) [Alk. Phos.](#), [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](#)
Goat Anti Mouse IgG (Fc) (STAR120...) [FITC](#), [HRP](#)
Goat Anti Mouse IgG (STAR77...) [HRP](#)
Rabbit Anti Mouse IgG (STAR9...) [FITC](#)

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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
'M365948:200529'

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