

## Datasheet: MCA1943Z

<b>Description:</b>	MOUSE ANTI CHICKEN INTERLEUKIN-2:Preservative Free
<b>Specificity:</b>	IL-2
<b>Format:</b>	Preservative Free
<b>Product Type:</b>	Monoclonal Antibody
<b>Clone:</b>	4F12
<b>Isotype:</b>	IgG2a
<b>Quantity:</b>	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](http://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.

<b>Target Species</b>	Chicken
<b>Species Cross Reactivity</b>	Does not react with:Bovine, Human
<b>Product Form</b>	Purified IgG - liquid
<b>Preparation</b>	Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	None present
<b>Approx. Protein Concentrations</b>	IgG concentration 1.0 mg/ml
<b>Immunogen</b>	Recombinant chicken IL-2.

<b>Fusion Partners</b>	Spleen cells from immunised mice were fused with cells of the mouse Sp2/0-Ag myeloma cell line.
<b>Specificity</b>	<p><b>Mouse anti Chicken Interleukin-2 antibody, clone 4F12</b> 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>
<b>References</b>	<ol style="list-style-type: none"> <li>Rothwell, L. <i>et al.</i> (2001) Production and characterisation of monoclonal antibodies specific for chicken interleukin-2. <a href="#">Vet Immunol Immunopathol. 83 (3-4): 149-60.</a></li> <li>Del Cacho, E. <i>et al.</i> (2012) Induction of Protective Immunity against <i>Eimeria tenella</i>, <i>Eimeria maxima</i>, and <i>Eimeria acervulina</i> Infections Using Dendritic Cell-Derived Exosomes. <a href="#">Infect Immun. 80: 1909-16.</a></li> <li>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. <a href="#">Anal Bioanal Chem. 407 (25): 7807-14.</a></li> </ol>
<b>Storage</b>	<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>
<b>Shelf Life</b>	18 months from date of despatch.
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10162 available at: 10162: <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10162.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10162.pdf</a>
<b>Regulatory</b>	For research purposes only

## Related Products

### Recommended Secondary Antibodies

Goat Anti Mouse IgG (STAR76...)	<a href="#">RPE</a>
Goat Anti Mouse IgG IgA IgM (STAR87...)	<a href="#">Alk. Phos.</a> , <a href="#">HRP</a>
Rabbit Anti Mouse IgG (STAR9...)	<a href="#">FITC</a>
Goat Anti Mouse IgG (STAR77...)	<a href="#">HRP</a>
Rabbit Anti Mouse IgG (STAR12...)	<a href="#">RPE</a>
Goat Anti Mouse IgG (Fc) (STAR120...)	<a href="#">FITC</a> , <a href="#">HRP</a>
Rabbit Anti Mouse IgG (STAR8...)	<a href="#">DyLight®800</a>
Goat Anti Mouse IgG (STAR70...)	<a href="#">FITC</a>
Human Anti Mouse IgG2a (HCA037...)	<a href="#">FITC</a> , <a href="#">HRP</a>
Rabbit Anti Mouse IgG (STAR13...)	<a href="#">HRP</a>
Goat Anti Mouse IgG (H/L) (STAR117...)	<a href="#">Alk. Phos.</a> , <a href="#">DyLight®488</a> , <a href="#">DyLight®549</a> , <a href="#">DyLight®649</a> , <a href="#">DyLight®680</a> , <a href="#">DyLight®800</a> , <a href="#">FITC</a> , <a href="#">HRP</a>

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