

Datasheet: MCA6399GA

BATCH NUMBER 163300

Description:	MOUSE ANTI HORSE INTERFERON GAMMA
Specificity:	IFN GAMMA
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	36
Isotype:	IgG1
Quantity:	0.1 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
ELISA	▪			5 µg/ml

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	Horse
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	0.09% Sodium Azide (NaN ₃)
Carrier Free	Yes
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	Recombinant IFN-γ/IL-4 equine/murine fusion protein

External Database Links	UniProt: A7LBS7 Related reagents
Fusion Partners	Spleen cells from immunised BALB/c mice were fused with cells of the X3.Ag8-653 myeloma cell line
Specificity	<p>Mouse anti Horse interferon gamma antibody, clone 36 recognizes horse interferon gamma (IFN-gamma).</p> <p>Interferon-gamma (IFN-gamma) is crucial to the immune response against pathogens and tumor control. It is a key cytokine in innate and adaptive immune responses. A variety of autoinflammatory and autoimmune diseases are linked to dysregulation of IFN-gamma expression. During initial infection, cells of the innate immune system (natural killer (NK) and natural killer T (NKT) cells), secrete IFN-gamma; followed by CD4+ Th1 and CD8+ T cells during the antigen-specific adaptive immune response (Schoenborn and Wilson, 2007).</p> <p>Mouse anti Horse interferon gamma antibody, clone 36, can be used as the capture antibody together with Mouse anti Bovine IFN-gamma:Biotin (MCA1783B) and Streptavidin:HRP (STAR5B) as the detection reagents in an ELISA.</p>
References	1. Perkins, G.A. <i>et al.</i> (2014) Maternal T-lymphocytes in equine colostrum express a primarily inflammatory phenotype. Vet Immunol Immunopathol. 161 (3-4): 141-50.
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/MCA6399GA 10040
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG (STAR77...)	HRP
Rabbit Anti Mouse IgG (STAR12...)	RPE
Goat Anti Mouse IgG (STAR70...)	FITC
Goat Anti Mouse IgG IgA IgM (STAR87...)	Alk. Phos. , HRP

Rabbit Anti Mouse IgG (STAR9...) [FITC](#)
Goat Anti Mouse IgG (STAR76...) [RPE](#)
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 (STAR13...) [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
'M414141:221201'

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