Datasheet: MCA2689GA

Description: MOUSE ANTI BOVINE INTERFERON GAMMA
Specificity: IFN GAMMA
Other names: INTERFERON GAMMA
Format: Purified
Product Type: Monoclonal Antibody
Clone: 5D10
Isotype: IgG1
Quantity: 0.1 mg

Product Details

RRID: AB_931794

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.

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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: Bovine

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 (NaN₃)

Carrier Free: Yes

Approx. Protein Concentrations: IgG concentration 1.0 mg/ml
Immunogen

Purified recombinant bovine IFN gamma expressed in E.coli.

External Database Links

UniProt: P07353 Related reagents

Entrez Gene: 281237 IFNG Related reagents

Fusion Partners

Spleen cells from immunised Balb/c mice were fused with cells of the Sp20/Ag-14 myeloma cell line.

Specificity

Mouse anti Bovine interferon gamma antibody, clone 5D10, recognises IFNγ, a 19.3 kDa protein belonging to the type II interferon family.

Bovine IFNγ is produced by activated lymphocytes, has anti-viral and immunoregulatory properties and is an activator of macrophages. Clone 5D10 is one of a range of bovine IFNγ reagents available from Bio-Rad which include the monoclonal antibody clones CC330 (MCA2112), CC302 (MCA1783) and 7B6 (MCA1964) along with recombinant bovine IFNγ and bovine IFNγ ELISA kits.

Mouse anti Bovine interferon gamma antibody, clone 5D10 is suitable for ELISA and ELISpot, for intracellular identification of bovine IFNγ and may be used in conjunction with clone CC302 (clone CC302 is available in a range of direct conjugates) as a detection reagent.

ELISA

This product may be used in an indirect ELISA or as a capture antibody in a sandwich ELISA together with MCA1783 as the detection reagent. PBP007A may be used as a standard.

References


Storage

Store at +4°C or at -20°C if preferred.

Storage in frost-free freezers is not recommended.

This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Guarantee

18 months from date of despatch.

Health And Safety Information


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)**

Recommended Useful Reagents

**MOUSE ANTI BOVINE INTERFERON GAMMA:Biotin (MCA1783B)**
**MOUSE ANTI BOVINE INTERFERON GAMMA:Alexa Fluor®488 (MCA1783A488)**
**MOUSE ANTI BOVINE INTERFERON GAMMA:Alexa Fluor®647 (MCA1783A647)**
**MOUSE ANTI BOVINE INTERFERON GAMMA:FITC (MCA1783F)**
**MOUSE ANTI BOVINE INTERFERON GAMMA:RPE (MCA1783PE)**
**MOUSE ANTI BOVINE INTERFERON GAMMA (MCA1964)**
**MOUSE ANTI BOVINE INTERFERON GAMMA (MCA2112)**
**BOVINE INTERFERON GAMMA ELISA KIT (MCA5638KZZ)**