

Mouse anti-Sheep IFN GAMMA Monoclonal Antibody | anti-IFNG antibody

MOUSE ANTI BOVINE INTERFERON GAMMA

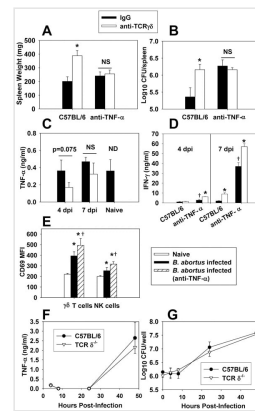
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA49632	Mouse	Sheep	Flow Cytometry, Functional Assay, ELISA, ELISA

PRODUCT SYNONYMS

IFN GAMMA; Monoclonal Antibody; MOUSE ANTI BOVINE INTERFERON GAMMA; anti-IFNG antibody

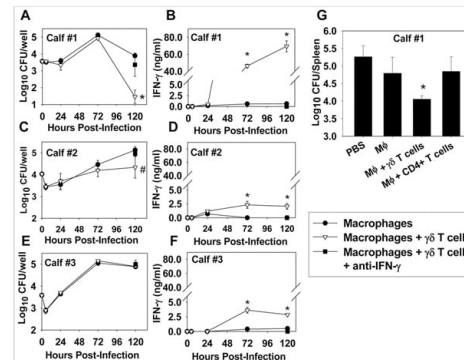
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Sheep
Clonality	Monoclonal
Isotype	IgG1
Clone Number	CC330
Form/Format	Purified Purified IgG - liquid
Concentration	IgG concentration 1.0 mg/ml (varies by lot)
Sequence Length	166
Applicable Applications for anti-IFNG antibody	FCM/FACS (Flow Cytometry), ELISpot, ELISA
Perservative Stabilisers	0.09% Sodium Azide Preparation
Immunogen	Recombinant bovine IFN-gamma Buffer Solution
Target Species	Bovine
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. This product should be stored undiluted. 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. Shelf Life: 18 months from date of despatch.



Application Data

Published customer image: gamma delta T cells require TNF-alpha to protect against B. abortus infection. C57BL/6 mice treated with anti-TCR gamma delta mAb or hamster IgG on day -1 and day 3 post-infection with 5x10⁴ CFUs of B. abortus 2308. Some mice were also neutralized of their TNF-alpha on days -1 and 3. Seven days after infection, A. splenic weights and B. extent of brucellae colonization were determined. The mean +/- SEM of 10 mice/group is depicted; *P



Application Data

Published customer image: Bovine gamma delta T cells impair B. abortus replication in autologous macrophages via IFN- γ . A. -F. Bovine macrophages were infected with B. abortus (30 bacteria:1 macrophage) and then fresh media or media containing autologous gamma delta T cells were added to infected macrophages. A., C., E. Macrophage colonization (triplicate wells/treatment) was monitored over time. *P

ADDITIONAL INFORMATION

Related Product Information for anti-IFNG antibody

Mouse anti Bovine interferon gamma antibody, clone CC330 recognizes bovine interferon gamma, a 143 amino acid ~20kDa immunomodulatory cytokine secreted predominantly by T lymphocytes in response to infection by invading micro-organisms. It enhances cytotoxic activities of many cell types including macrophages, NK cells and T lymphocytes (Weiss et al. 2002).

NCBI AND UNIPROT INFORMATION

NCBI GI #	31982949
NCBI GeneID	281237
NCBI Accession #	NP_776511.1
NCBI GenBank Nucleotide #	NM_174086.1
UniProt Accession #	P07353; A7L687; A9QWQ4
Molecular Weight	19,393 Da

NCBI Official Full Name	interferon gamma
NCBI Official Synonym Full Names	interferon, gamma
NCBI Official Symbol	IFNG
NCBI Protein Information	interferon gamma; IFN-gamma; boIFNG; interferon gamma type 2; interferon-gamma
UniProt Protein Name	Interferon gamma
UniProt Gene Name	IFNG
UniProt Synonym Gene Names	BoIFNG; IFN-gamma
UniProt Entry Name	IFNG_BOVIN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/ifn-gamma-antibody-clone-cc330-flow-cytometry-elisa/49632>