

IFN gamma Monoclonal Antibody (DB-1 (DB1)), eBioscience™

Product Details

Size	500 µg
Species Reactivity	Rat
Published Species	Rat
Host/Isotype	Mouse / IgG1, kappa
Class	Monoclonal
Type	Antibody
Clone	DB-1 (DB1)
Conjugate	Unconjugated
Form	Liquid
Concentration	0.5 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2
Contains	0.09% sodium azide
Storage conditions	4° C
RRID	AB_468466

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	-	2 Publications
ELISA (ELISA)	1-4 µg/mL	-

Product Specific Information

Description: The DB-1 monoclonal antibody reacts with rat interferon-gamma (IFN-gamma), a 15-20 kDa cytokine secreted by Th1 cells. For optimal detection of rat IFN-gamma by sandwich ELISA, a combination of purified DB-1 for capture and biotinylated polyclonal anti-rat IFN-gamma for detection is recommended. DB-1 is used for capture of rat IFN-gamma by ELISA.

Applications Reported: DB-1 has been reported for use in capture of rat IFN gamma by ELISA.

Applications Tested: The DB-1 (DB1) antibody has been tested as the capture antibody in a sandwich ELISA for analysis of rat IFNg (Interferon-gamma, IFN-g) in combination with the biotin anti-rat IFNg poly (13-7320) antibody for detection and recombinant rat IFNg (14-8315) as the standard. A suitable range of concentrations of this antibody for ELISA capture is 1-4 µg /mL. A standard curve consisting of doubling dilutions of the recombinant standard over the range of 2000 pg/mL - 15 pg/mL should be included in each ELISA plate.

Purity: Greater than 90%, as determined by SDS-PAGE.

Aggregation: Less than 10%, as determined by HPLC.

Filtration: 0.2 µm post-manufacturing filtered.

Flow Cytometry (2)

<p>Pathogens (Basel, Switzerland)</p> <p>Vaccine-Mediated Mechanisms Controlling <i>Francisella tularensis</i> SCHU S4 Growth in a Rat Co-Culture System.</p> <p>"Published figure using IFN gamma monoclonal antibody (Product # 14-7310-85) in Flow Cytometry"</p> <p>Authors: Lindgren H,Eneslätt K,Golovliov I,Gelhaus C,Rydén P,Wu T,Sjöstedt A</p>	<p>Year</p> <p>2020</p>
<p>Journal of neuroinflammation</p> <p>CXCR5-negative natural killer cells ameliorate experimental autoimmune myasthenia gravis by suppressing follicular helper T cells.</p> <p>"14-7310-85 was used in Flow Cytometry to investigate the function of NK cells in experimental autoimmune myasthenia gravis in vivo."</p> <p>Authors: Yang CL,Zhang P,Liu RT,Zhang N,Zhang M,Li H,Du T,Li XL,Dou YC,Duan RS</p>	<p>Year</p> <p>2019</p> <p>Species</p> <p>Rat</p>

For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization. Products are warranted to operate or perform substantially in conformance with published Product specifications in effect at the time of sale, as set forth in the Production documentation, specifications and/or accompanying package inserts ("Documentation"). No claim of suitability for use in applications regulated by FDA is made. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated in the Documentation, this warranty is limited to one year from date of shipment when the Product is subjected to normal, proper and intended usage. This warranty does not extend to anyone other than the Buyer. Any model or sample furnished to Buyer is merely illustrative of the general type and quality of goods and does not represent that any Product will conform to such model or sample. NO OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE GRANTED INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR NON INFRINGEMENT. BUYER'S EXCLUSIVE REMEDY FOR NON-CONFORMING PRODUCTS DURING THE WARRANTY PERIOD IS LIMITED TO REPAIR, REPLACEMENT OF OR REFUND FOR THE NON-CONFORMING PRODUCT(S) AT SELLER'S SOLE OPTION. THERE IS NO OBLIGATION TO REPAIR, REPLACE OR REFUND FOR PRODUCTS AS THE RESULT OF (i) ACCIDENT, DISASTER OR EVENT OF FORCE MAJEURE, (ii) MISUSE, FAULT OR NEGLIGENCE OF OR BY BUYER, (iii) USE OF THE PRODUCTS IN A MANNER FOR WHICH THEY WERE NOT DESIGNED, OR (iv) IMPROPER STORAGE AND HANDLING OF THE PRODUCTS. Unless otherwise expressly stated on the Product or in the documentation accompanying the Product, the Product is intended for research only and is not to be used for any other purpose, including without limitation, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses, or any type of consumption by or application to human or animals.