

# IFN gamma Monoclonal Antibody (R4-6A2)

## Product Details

Size	500 µg
Species Reactivity	Mouse
Published Species	Mouse
Host/Isotype	Rat / IgG1
Class	Monoclonal
Type	Antibody
Clone	R4-6A2
Conjugate	Unconjugated
Immunogen	Recombinant mouse IFN gamma
Form	Liquid
Concentration	1.0 mg/mL
Purification	Protein A
Storage buffer	PBS
Contains	no preservative
Storage conditions	-20°C
RRID	AB_223538

Applications	Tested Dilution	Publications
Western Blot (WB)	Assay-dependent	1 Publication
Immunohistochemistry (IHC)	-	1 Publication
Immunohistochemistry (Frozen) (IHC (F))	Assay-dependent	-
Flow Cytometry (Flow)	-	1 Publication
ELISA (ELISA)	Assay-dependent	45 Publications
Neutralization (Neu)	Assay-dependent	3 Publications
Blocking Assay (BLOCK)	-	1 Publication
T-Cell Activation (TCA)	-	1 Publication
Miscellaneous PubMed (Misc)	-	1 Publication

## Product Specific Information

MM701 targets IFN gamma in ELISA, IHC(F), Neu, and WB applications and shows reactivity with mouse samples.

The MM701 immunogen is recombinant mouse IFN gamma.

MM701 detects IFN gamma which has a predicted molecular weight of approximately 16 kDa.

This antibody is produced by injecting Rat IgG secreting hybridoma cells into the peritoneum of mice. The resulting ascites is collected from the mice and the antibody is purified.

This product has been tested for endotoxins by limulus amoebocyte lysate (LAL) assay and contains an endotoxin concentration of less than or equal to 10 endotoxin units per milligram (EU/mg).

📖 54 References

Western Blot (1)

Scientific reports	Year 2016
<b>Phosphodiesterase 3B (PDE3B) regulates NLRP3 inflammasome in adipose tissue.</b>	
"MM701 was used in western blot to analyze regulation of NLRP3 inflammasome in adipose tissue by phosphodiesterase 3B (PDE3B)"	
Authors: Ahmad F,Chung YW,Tang Y,Hockman SC,Liu S,Khan Y,Huo K,Billings E,Amar MJ,Remaley AT,Manganiello VC	

Immunohistochemistry (1)

Journal of immunology (Baltimore, Md. : 1950)	Year 1998
<b>Immune response against large tumors eradicated by treatment with cyclophosphamide and IL-12.</b>	Species Mouse
"MM701 was used in immunohistochemistry to study the effect of cyclophosphamide and interleukin 12 on the immune responses against large tumors"	Dilution 2.5 µg/mL
Authors: Tsung K,Meko JB,Tsung YL,Peplinski GR,Norton JA	

Flow Cytometry (1)

Nature communications	Year 2016
<b>C1q acts in the tumour microenvironment as a cancer-promoting factor independently of complement activation.</b>	Species Mouse
"MM701 was used in flow cytometry to suggest that locally synthesized C1q promotes tumor growth"	Dilution 1:100
Authors: Bulla R,Tripodo C,Rami D,Ling GS,Agostinis C,Guarnotta C,Zorzet S,Durigutto P,Botto M,Tedesco F	

ELISA (45)

Cell reports	Year 2020
<b>Diverse CD8 T Cell Responses to Viral Infection Revealed by the Collaborative Cross.</b>	Species Mouse
"MM701 was used in an ELISA assay to advance the utility of the Collaborative Cross (CC) as a tool to analyze the immune response to viral infection."	
Authors: Martin MD,Sompallae R,Winborn CS,Harty JT,Badovinac VP	

[View more ELISA references on thermofisher.com](#)

More applications with references on thermofisher.com

- Neu (3)
- BLOCK (1)
- TCA (1)
- Misc (1)

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.