

# TNF alpha Monoclonal Antibody (MAb11), PE, eBioscience™

Product Details	
Size	100 µg
Species Reactivity	Human
Published Species	Rat, Human
Host/Isotype	Mouse / IgG1, kappa
Recommended Isotype Control	Mouse IgG1 kappa Isotype Control (P3.6.2.8.1), PE, eBioscience™
Class	Monoclonal
Type	Antibody
Clone	MAb11
Conjugate	PE
Excitation/Emission Max	565/576 nm
Form	Liquid
Concentration	0.2 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2
Contains	0.09% sodium azide
Storage conditions	4°C, store in dark, DO NOT FREEZE!
RRID	AB_466208

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	0.5 µg/test	34 Publications

## Product Specific Information

**Description:** The MAb11 antibody reacts with human tumor necrosis factor-alpha (TNF alpha), a 17 kDa cytokine produced by monocytes, macrophages, neutrophils, NK cells and CD4+ T cells. TN alpha has cytolytic activity against a range of tumor cells and is important in immune regulation. TNF alpha forms dimers and trimers and also exists as a 26 kDa membrane bound form. The MAb11 antibody is a neutralizing antibody.

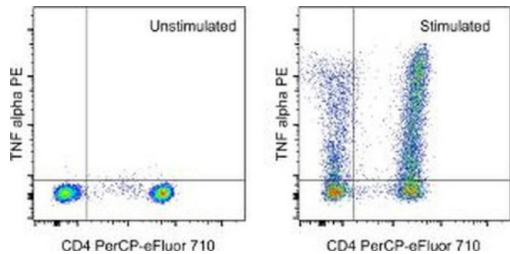
**Applications Reported:** This MAb11 antibody has been reported for use in intracellular staining followed by flow cytometric analysis.

**Applications Tested:** Has been tested by intracellular staining and flow cytometric analysis of stimulated normal human peripheral blood cells. This can be used at less than or equal to 0.5 µg per test. A test is defined as the amount (µg) of antibody that will stain a cell sample in a final volume of 100 µL. Cell number should be determined empirically but can range from 10<sup>5</sup> to 10<sup>8</sup> cells/test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

**Excitation:** 488-561 nm; **Emission:** 578 nm; **Laser:** Blue Laser, Green Laser, Yellow-Green Laser.

**Filtration:** 0.2 µm post-manufacturing filtered.

Product Images For TNF alpha Monoclonal Antibody (MAb11), PE, eBioscience™



TNF alpha Antibody (12-7349-82) in Flow

Normal human peripheral blood cells were unstimulated (left) or stimulated for 5 hours with Cell Stimulation Cocktail (plus protein transport inhibitors) (Product # 00-4975-03) (right). Cells were intracellularly stained with Anti-Human CD4 PerCP-eFluor® 710 (Product # 46-0047-42) and Anti-Human TNF alpha PE using the Intracellular Fixation & Permeabilization Buffer Set (Product # 88-8824-00) and protocol. Cells in the lymphocyte gate were used for analysis.

[View more figures on thermofisher.cn](#)

34 References

Flow Cytometry (34)

Frontiers in immunology	Year
<b>Dynamics of humoral and cellular response to three doses of anti-SARS-CoV-2 BNT162b2 vaccine in patients with hematological malignancies and older subjects.</b>	2024
"Published figure using TNF alpha monoclonal antibody (Product # 12-7349-82) in Flow Cytometry"	
Authors: Laquintana V,Mottini C,Marchesi F,Marcozzi B,Terrenato I,Sperandio E,de Latouliere L,Carrieri F,Pimpinelli F, Pontone M,Pellini R,Campo F,Conti L,Accetta C,Mandoj C,Petrone F,Di Bella O,Vujovic B,Morrone A,Compagnone M, Principato E,Pinto E,Papa E,Falcucci P,La Malfa A,Pallocca M,De Marco F, Piaggio G,Ciliberto G,Mengarelli A,di Martino S	
Molecular therapy oncolytics	Year
<b>An epitope encoded by uORF of <i>RNF10</i> elicits a therapeutic anti-tumor immune response.</b>	2023
"Published figure using TNF alpha monoclonal antibody (Product # 12-7349-82) in Flow Cytometry"	
Authors: Zeng L,Zheng W,Zhang J,Wang J,Ji Q,Wu X,Meng Y,Zhu X	

[View more Flow references on thermofisher.cn](#)

More applications with references on thermofisher.cn

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.