

# TNF alpha Monoclonal Antibody (MP6-XT22), APC, eBioscience™

## Product Details

Size	100 µg
Species Reactivity	Mouse
Published Species	Mouse
Host/Isotype	Rat / IgG1, kappa
Recommended Isotype Control	Rat IgG1 kappa Isotype Control (eBRG1), APC, eBioscience™
Class	Monoclonal
Type	Antibody
Clone	MP6-XT22
Conjugate	APC
Excitation/Emission Max	651/660 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_469508

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	0.25 µg/test	87 Publications

## Product Specific Information

**Description:** The MP6-XT22 antibody reacts with mouse tumor necrosis factor-alpha (TNF alpha), a 17 kDa cytokine produced by monocytes, macrophages, neutrophils, NK cells and CD4(+) T cells. TNF 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.

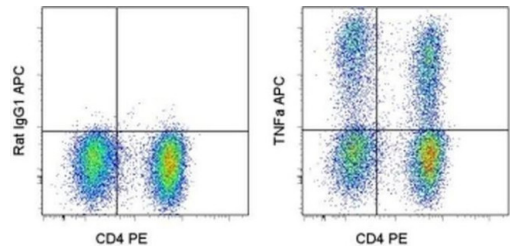
**Applications Reported:** The MP6-XT22 antibody has been reported for use intracellular staining for flow cytometric analysis.

**Applications Tested:** The MP6-XT22 antibody has been tested by intracellular staining with flow cytometric analysis. This can be used at less than or equal to 0.25 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:** 633-647 nm; **Emission:** 660 nm; **Laser:** Red Laser.

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

Product Images For TNF alpha Monoclonal Antibody (MP6-XT22), APC, eBioscience™



**TNF alpha Antibody (17-7321-82) in Flow**  
Intracellular staining of Mouse Cytokine Positive Control Cells (Product # 00-4500-51) with Anti-Mouse CD4 PE (Product # 12-0041-82) and 0.125 µg of Rat IgG1 K Isotype Control APC (Product # 17-4301-82) (left) or 0.125 µg of Anti-Mouse TNF alpha APC (right).

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

87 References

Flow Cytometry (87)

Therapeutic advances in chronic disease	Year 2023
<b>Prevention of EAE by tolerogenic vaccination with PEGylated antigenic peptides.</b>	
"Published figure using TNF alpha monoclonal antibody (Product # 17-7321-82) in Flow Cytometry"	
Authors: Pfeil J,Simonetti M,Lauer U,von Thülen B,Durek P,Poulsen C,Pawlowska J,Kröger M,Krähmer R,Leenders F,Hoffmann U,Hamann A	
International journal of molecular sciences	Year 2023
<b>Conditional Knockout of Hypoxia-Inducible Factor 1-Alpha in Tumor-Infiltrating Neutrophils Protects against Pancreatic Ductal Adenocarcinoma.</b>	
"Published figure using TNF alpha monoclonal antibody (Product # 17-7321-82) in Flow Cytometry"	
Authors: Sieow JL,Penny HL,Gun SY,Tan LQ,Duan K,Yeong JPS,Pang A,Lim D,Toh HC,Lim TKH,Engleman E,Rotzschke O,Ng LG,Chen J,Tan SM,Wong SC	

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

More applications with references on thermofisher.com

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