

# Resource Summary Report

Generated by [dkNET](#) on Aug 17, 2026

## Rat Anti-TNF Monoclonal Antibody, PE-Cy7 Conjugated, Clone MP6-XT22

RRID:AB\_396761

Type: Antibody

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### Proper Citation

BD Biosciences Cat# 557644, RRID:AB\_396761

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_396761](http://antibodyregistry.org/AB_396761)

**Proper Citation:** BD Biosciences Cat# 557644, RRID:AB\_396761

**Target Antigen:** TNF

**Host Organism:** rat

**Clonality:** monoclonal

**Comments:** Applications: Intracellular staining (flow cytometry)

**Antibody Name:** Rat Anti-TNF Monoclonal Antibody, PE-Cy7 Conjugated, Clone MP6-XT22

**Description:** This monoclonal targets TNF

**Target Organism:** mouse

**Clone ID:** MP6-XT22

**Antibody ID:** AB\_396761

**Vendor:** BD Biosciences

**Catalog Number:** 557644

**Record Creation Time:** 20250819T231010+0000

**Record Last Update:** 20250820T043022+0000

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### Ratings and Alerts

No rating or validation information has been found for Rat Anti-TNF Monoclonal Antibody, PE-Cy7 Conjugated, Clone MP6-XT22.

No alerts have been found for Rat Anti-TNF Monoclonal Antibody, PE-Cy7 Conjugated, Clone MP6-XT22.

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## Data and Source Information

**Source:** [Antibody Registry](#)

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## Usage and Citation Metrics

We found 19 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [dkNET](#) .

Kirschstein E, et al. (2026) Myofibroblast programming blocks differentiation of TLS-organizing fibroblastic reticular cells in pancreatic cancer. *Cancer cell*, 44(5), 1080.

Chen J, et al. (2025) Identification and validation of intratumoral microbiome associated with sensitization to immune checkpoint inhibitors. *Cell reports. Medicine*, 6(9), 102306.

Yang Z, et al. (2025) A mosaic H3 subtype live attenuated influenza vaccine elicits broad immune responses to influenza A viruses. *Vaccine*, 65, 127776.

Zhang J, et al. (2025) Thymic dendritic cell-derived IL-27p28 promotes the establishment of functional bias against IFN- $\gamma$  production in newly generated CD4<sup>+</sup> T cells through STAT1-related epigenetic mechanisms. *eLife*, 13.

Lin H, et al. (2024) Itaconate transporter SLC13A3 impairs tumor immunity via endowing ferroptosis resistance. *Cancer cell*, 42(12), 2032.

Pitter MR, et al. (2024) PAD4 controls tumor immunity via restraining the MHC class II machinery in macrophages. *Cell reports*, 43(3), 113942.

Hao J, et al. (2024) NR4A1 transcriptionally regulates the differentiation of stem-like CD8<sup>+</sup> T cells in the tumor microenvironment. *Cell reports*, 43(6), 114301.

Yu J, et al. (2024) Progesterone-driven B7-H4 contributes to onco-fetal immune tolerance. *Cell*, 187(17), 4713.

Liao P, et al. (2022) CD8<sup>+</sup> T cells and fatty acids orchestrate tumor ferroptosis and immunity via ACSL4. *Cancer cell*, 40(4), 365.

Mudalagiriappa S, et al. (2022) GM-CSF<sup>+</sup> Tc17 cells are required to bolster vaccine immunity against lethal fungal pneumonia without causing overt pathology. *Cell reports*, 41(4), 111543.

Enriquez AB, et al. (2022) Mycobacterium tuberculosis impedes CD40-dependent notch signaling to restrict Th17 polarization during infection. *iScience*, 25(5), 104305.

Cannons JL, et al. (2021) PI3K $\gamma$  coordinates transcriptional, chromatin, and metabolic changes to promote effector CD8<sup>+</sup> T cells at the expense of central memory. *Cell reports*, 37(2), 109804.

Lin H, et al. (2021) Stanniocalcin 1 is a phagocytosis checkpoint driving tumor immune resistance. *Cancer cell*, 39(4), 480.

Budhu S, et al. (2021) Targeting Phosphatidylserine Enhances the Anti-tumor Response to Tumor-Directed Radiation Therapy in a Preclinical Model of Melanoma. *Cell reports*, 34(2), 108620.

Zhang W, et al. (2021) The zinc finger protein Miz1 suppresses liver tumorigenesis by restricting hepatocyte-driven macrophage activation and inflammation. *Immunity*, 54(6), 1168.

Gomez-Lopez N, et al. (2020) Regulatory T Cells Play a Role in a Subset of Idiopathic Preterm Labor/Birth and Adverse Neonatal Outcomes. *Cell reports*, 32(1), 107874.

Gurusamy D, et al. (2020) Multi-phenotype CRISPR-Cas9 Screen Identifies p38 Kinase as a Target for Adoptive Immunotherapies. *Cancer cell*, 37(6), 818.

Li W, et al. (2018) Aerobic Glycolysis Controls Myeloid-Derived Suppressor Cells and Tumor Immunity via a Specific CEBPB Isoform in Triple-Negative Breast Cancer. *Cell metabolism*, 28(1), 87.

Li J, et al. (2018) Co-inhibitory Molecule B7 Superfamily Member 1 Expressed by Tumor-Infiltrating Myeloid Cells Induces Dysfunction of Anti-tumor CD8<sup>+</sup> T Cells. *Immunity*, 48(4), 773.