

Resource Summary Report

Generated by [NIF](#) on Aug 4, 2026

Rat Anti-IL-4 Monoclonal Antibody, Unconjugated, Clone MP4-25D2

RRID:AB_395421

Type: Antibody

Proper Citation

BD Biosciences Cat# 554481, RRID:AB_395421

Antibody Information

URL: http://antibodyregistry.org/AB_395421

Proper Citation: BD Biosciences Cat# 554481, RRID:AB_395421

Target Antigen: IL-4

Host Organism: rat

Clonality: monoclonal

Comments: Intracellular staining (flow Cytotoxicityometry), Neutralization

Antibody Name: Rat Anti-IL-4 Monoclonal Antibody, Unconjugated, Clone MP4-25D2

Description: This monoclonal targets IL-4

Target Organism: human

Clone ID: MP4-25D2

Antibody ID: AB_395421

Vendor: BD Biosciences

Catalog Number: 554481

Record Creation Time: 20250820T052814+0000

Record Last Update: 20250820T213829+0000

Ratings and Alerts

No rating or validation information has been found for Rat Anti-IL-4 Monoclonal Antibody, Unconjugated, Clone MP4-25D2.

No alerts have been found for Rat Anti-IL-4 Monoclonal Antibody, Unconjugated, Clone MP4-25D2.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Jones RD, et al. (2026) Tunable differentiation of human CD4+ and CD8+ T cells from pluripotent stem cells. *Cell stem cell*, 33(1), 73.

Tuomela K, et al. (2025) TYK2 inhibition enhances Treg differentiation and function while preventing Th1 and Th17 differentiation. *Cell reports. Medicine*, 6(9), 102303.

Martinez-Fabregas J, et al. (2021) Identifying cytokine signaling signatures in primary human Th-1 cells by phospho-proteomics analysis. *STAR protocols*, 2(2), 100417.

Martinez-Fabregas J, et al. (2020) CDK8 Fine-Tunes IL-6 Transcriptional Activities by Limiting STAT3 Resident Time at the Gene Loci. *Cell reports*, 33(12), 108545.

Wang X, et al. (2020) JQ1, a bromodomain inhibitor, suppresses Th17 effectors by blocking p300-mediated acetylation of ROR γ t. *British journal of pharmacology*, 177(13), 2959.

Roybal KT, et al. (2016) Engineering T Cells with Customized Therapeutic Response Programs Using Synthetic Notch Receptors. *Cell*, 167(2), 419.