Resource Summary Report

Generated by dkNET on Aug 16, 2026

Monoclonal Anti-Dinitrophenyl antibody produced in mouse

RRID:AB_259249
Type: Antibody

Proper Citation

Sigma-Aldrich Cat# D8406, RRID:AB_259249

Antibody Information

URL: http://antibodyregistry.org/AB_259249

Proper Citation: Sigma-Aldrich Cat# D8406, RRID:AB_259249

Target Antigen: Dinitrophenyl antibody produced in mouse

Host Organism: mouse

Clonality: monoclonal

Comments: Vendor recommendations: IgE; IgE ELISA; Western Blot; indirect ELISA: .05-.1 mug/mL using using 0.5 mug/well DNP-BSA as the coating antigen and 1 mug/mL Monoclonal Anti-Mouse IgE, Peroxidase conjugate as the detector antibody.

Antibody Name: Monoclonal Anti-Dinitrophenyl antibody produced in mouse

Description: This monoclonal targets Dinitrophenyl antibody produced in mouse

Antibody ID: AB_259249

Vendor: Sigma-Aldrich

Catalog Number: D8406

Record Creation Time: 20250819T235219+0000

Record Last Update: 20250820T064041+0000

Ratings and Alerts

No rating or validation information has been found for Monoclonal Anti-Dinitrophenyl antibody produced in mouse.

No alerts have been found for Monoclonal Anti-Dinitrophenyl antibody produced in mouse.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 7 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET .

Izawa K, et al. (2026) IgE-dependent anaphylaxis is regulated by sphingolipid binding to activating and inhibitory CD300 family members. Cell reports, 45(3), 117054.

Hagiyama M, et al. (2026) Cell adhesion molecule 1 is upregulated in connective tissue mast cells and potentially contributes in IgE-mediated degranulation. Scientific reports, 16(1).

Mamuladze T, et al. (2025) Mast cells regulate the brain-dura interface and CSF dynamics. Cell, 188(20), 5487.

Taketomi Y, et al. (2024) Lipid-orchestrated paracrine circuit coordinates mast cell maturation and anaphylaxis through functional interaction with fibroblasts. Immunity, 57(8), 1828.

Maruszewska-Cheruiyot M, et al. (2024) Nematode Galectin Inhibits Basophilic Leukaemia RBL-2H3 Cells Apoptosis in IgE-Mediated Activation. International journal of molecular sciences, 25(13).

Strattan E, et al. (2019) Mast Cells Are Mediators of Fibrosis and Effector Cell Recruitment in Dermal Chronic Graft-vs.-Host Disease. Frontiers in immunology, 10, 2470.

Park SJ, et al. (2019) Blockage of sphingosine-1-phosphate receptor 2 attenuates allergic asthma in mice. British journal of pharmacology, 176(7), 938.