

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

Clonality: monoclonal

Comments: Vendor recommendations: IgE; IgE indirect ELISA: .05-.1 mug/mL

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: 20250820T005935+0000

Record Last Update: 20250820T094443+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

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.

Hagiyaama 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.

Maruszevska-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.