

Resource Summary Report

Generated by [NIF](#) on Aug 11, 2026

Peroxiredoxin 1 antibody [EPR5433]

RRID:AB_10865914

Type: Antibody

Proper Citation

Abcam Cat# ab109498, RRID:AB_10865914

Antibody Information

URL: http://antibodyregistry.org/AB_10865914

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Target Antigen: Peroxiredoxin 1 antibody [EPR5433]

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: Immunohistochemistry, Flow Cytometry, Immunofluorescence, Immunocytochemistry, Immunohistochemistry - fixed, Western Blot, Flow Cyt, ICC/IF, IHC-P, WB

Validation: data for WB is available from YCharOS.

<https://doi.org/10.5281/zenodo.4818397>

Antibody Name: Peroxiredoxin 1 antibody [EPR5433]

Description: This monoclonal targets Peroxiredoxin 1 antibody [EPR5433]

Target Organism: mouse, human

Antibody ID: AB_10865914

Vendor: Abcam

Catalog Number: ab109498

Record Creation Time: 20250820T034630+0000

Record Last Update: 20250820T170908+0000

Ratings and Alerts

- Head to head comparison of available commercial antibodies against Peroxiredoxin-1 antigen using a knockout cell line by immunoblot (Western blot), immunoprecipitation and immunofluorescence. - YCHarOS
<https://doi.org/10.5281/zenodo.4818397>

No alerts have been found for Peroxiredoxin 1 antibody [EPR5433].

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Cui S, et al. (2023) Identification of hyperoxidized PRDX3 as a ferroptosis marker reveals ferroptotic damage in chronic liver diseases. Molecular cell, 83(21), 3931.

Xia Q, et al. (2023) Peroxiredoxin 2 is required for the redox mediated adaptation to exercise. Redox biology, 60, 102631.