

Resource Summary Report

Generated by [RRID](#) on Jul 30, 2026

Mouse Anti-PDI Monoclonal Antibody, Unconjugated, Clone RL90

RRID:AB_303304

Type: Antibody

Proper Citation

Abcam Cat# ab2792, RRID:AB_303304

Antibody Information

URL: http://antibodyregistry.org/AB_303304

Proper Citation: Abcam Cat# ab2792, RRID:AB_303304

Target Antigen: PDI

Host Organism: mouse

Clonality: monoclonal

Comments: validation status unknown, seller recommendations provided in 2012: Immunocytochemistry; Immunofluorescence; Immunohistochemistry; Immunoprecipitation; Western Blot; Immunocytochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Fr, Immunohistochemistry-P, Immunoprecipitation, Western Blot

Antibody Name: Mouse Anti-PDI Monoclonal Antibody, Unconjugated, Clone RL90

Description: This monoclonal targets PDI

Target Organism: rat, hamster, canine, mouse, human, dog

Clone ID: Clone RL90

Antibody ID: AB_303304

Vendor: Abcam

Catalog Number: ab2792

Record Creation Time: 20250820T060709+0000

Record Last Update: 20250820T232003+0000

Ratings and Alerts

No rating or validation information has been found for Mouse Anti-PDI Monoclonal Antibody, Unconjugated, Clone RL90.

Warning: *Extracted Antibody Information:* "Anti-PDI (Abcam Cat# ab2792, RRID: **AB_303304**),"

Extracted Specificity Statement: "We tested whether A-NK accumulated in a **specific** cellular compartment by co-labeling with antibodies against proteins resident in **specific** organelles. Antibody co-labeling of A-NK with anti-PDI, an endoplasmic reticulum marker, failed to reveal **specific** overlap (Fig. 8a)."

Data was mined by Antibody Watch (<https://arxiv.org/pdf/2008.01937.pdf>), from **PMID:27982047**

validation status unknown, seller recommendations provided in 2012:

Immunocytochemistry; Immunofluorescence; Immunohistochemistry; Immunoprecipitation; Western Blot; Immunocytochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Fr, Immunohistochemistry-P, Immunoprecipitation, Western Blot

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 29 mentions in open access literature.

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

Paul B, et al. (2025) Paraoxonase-like APMAP maintains endoplasmic-reticulum-associated lipid and lipoprotein homeostasis. Developmental cell, 60(17), 2313.

Maeda M, et al. (2024) Small GTPase ActvitiY ANalyzing (SAIYAN) system: A method to detect GTPase activation in living cells. The Journal of cell biology, 223(10).

Dossat AM, et al. (2024) Excitotoxic glutamate levels cause the secretion of resident endoplasmic reticulum proteins. Journal of neurochemistry.

Seedhom MO, et al. (2024) Paradoxical imbalance between activated lymphocyte protein synthesis capacity and rapid division rate. eLife, 12.

Sandor LF, et al. (2024) De novo steroidogenesis in tumor cells drives bone metastasis and osteoclastogenesis. Cell reports, 43(3), 113936.

Bertino F, et al. (2024) Dysregulation of FLVCR1a-dependent mitochondrial calcium handling in neural progenitors causes congenital hydrocephalus. Cell reports. Medicine, 5(7), 101647.

Houbaert D, et al. (2024) An autophagy program that promotes T cell egress from the lymph node controls responses to immune checkpoint blockade. *Cell reports*, 43(4), 114020.

Zhu Y, et al. (2024) Photoaffinity labeling coupled with proteomics identify PDI-ADAM17 module is targeted by (-)-vinigrol to induce TNFR1 shedding and ameliorate rheumatoid arthritis in mice. *Cell chemical biology*, 31(3), 452.

Wolzak K, et al. (2023) Protein disulfide isomerases as CSF biomarkers for the neuronal response to tau pathology. *Alzheimer's & dementia : the journal of the Alzheimer's Association*.

Guardiola O, et al. (2023) CRIPTO-based micro-heterogeneity of mouse muscle satellite cells enables adaptive response to regenerative microenvironment. *Developmental cell*, 58(24), 2896.

Wang L, et al. (2023) SAYSD1 senses UFMylated ribosome to safeguard co-translational protein translocation at the endoplasmic reticulum. *Cell reports*, 42(1), 112028.

Bui S, et al. (2023) Common Markers and Small Molecule Inhibitors in Golgi Studies. *Methods in molecular biology* (Clifton, N.J.), 2557, 453.

Vidak S, et al. (2023) Activation of endoplasmic reticulum stress in premature aging via the inner nuclear membrane protein SUN2. *Cell reports*, 42(5), 112534.

Sun Y, et al. (2023) V-ATPase recruitment to ER exit sites switches COPII-mediated transport to lysosomal degradation. *Developmental cell*, 58(23), 2761.

Shen YY, et al. (2022) Robust temporal changes of cellular senescence and proliferation after sciatic nerve injury. *Neural regeneration research*, 17(7), 1588.

Zhang Y, et al. (2022) Protein disulfide isomerase modulation of TRPV1 controls heat hyperalgesia in chronic pain. *Cell reports*, 39(1), 110625.

Mei F, et al. (2022) FAM69C, a kinase critical for synaptic function and memory, is defective in neurodegenerative dementia. *Cell reports*, 40(3), 111101.

Henderson MJ, et al. (2021) A target-agnostic screen identifies approved drugs to stabilize the endoplasmic reticulum-resident proteome. *Cell reports*, 35(4), 109040.

Feng H, et al. (2020) Transferrin Receptor Is a Specific Ferroptosis Marker. *Cell reports*, 30(10), 3411.

Ji CH, et al. (2019) The N-Degron Pathway Mediates ER-phagy. *Molecular cell*, 75(5), 1058.