

Resource Summary Report

Generated by [RRID](#) on Jul 31, 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.

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.

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.

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.