

PDI Monoclonal Antibody (RL90), Alexa Fluor 488

Product Details	
Size	50 µL
Species Reactivity	Hamster, Human, Mouse, Pig, Rat
Published Species	Human
Host/Isotype	Mouse / IgG2a
Class	Monoclonal
Type	Antibody
Clone	RL90
Conjugate	Alexa Fluor® 488
Immunogen	Purified rat PDI protein
Form	Liquid
Concentration	1 mg/mL
Purification	Protein A
Storage buffer	PBS, pH 7.4, with 1mg/mL BSA
Contains	0.05% sodium azide
Storage conditions	4° C, store in dark, DO NOT FREEZE!
RRID	AB_2662487

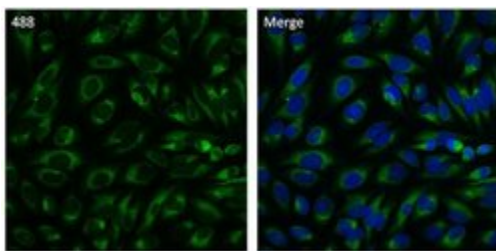
Applications	Tested Dilution	Publications
Western Blot (WB)	-	1 Publication
Immunocytochemistry (ICC/IF)	1-10 µg/mL	2 Publications

Product Specific Information

MA3019A488 detects protein disulphide-isomerase (PDI) from human, rat, porcine and mouse tissues as well as hamster cells.

The MA3019A488 antigen is purified rat PDI.

Product Images For PDI Monoclonal Antibody (RL90), Alexa Fluor 488



PDI Antibody (MA3-019-A488) in ICC/IF

Immunofluorescent analysis of PDI (green) in HeLa cells. The cells were fixed with 4% Paraformaldehyde in PBS for 15 minutes at room temperature, and blocked with 3% BSA in PBS (Product # 37525) for 30 minutes at room temperature. Cells were stained with a PDI Monoclonal Antibody, AlexaFluor 488 conjugate (Product # MA3-019-A488) at a dilution of 5 µg/mL in blocking buffer for 1 hour at room temperature protected from light. Nuclei (blue) were stained with Hoechst Dye (Product # 62249) at a dilution of 1:10,000 in blocking buffer. Images were taken on a Thermo Scientific ToxInsight Instrument at 20X magnification.

[View more figures on thermofisher.com](#)

3 References

Western Blot (1)

The Journal of biological chemistry

Endoplasmic reticulum (ER) chaperone regulation and survival of cells compensating for deficiency in the ER stress response kinase, PERK.

"Published figure using PDI monoclonal antibody (Product # MA3-019-A488) in Western Blot"

Authors: Yamaguchi Y, Larkin D, Lara-Lemus R, Ramos-Castañeda J, Liu M, Arvan P

Species
Human

Dilution
Not Cited

Year
2008

Immunocytochemistry (2)

The Journal of biological chemistry

Depletion of molecular chaperones from the endoplasmic reticulum and fragmentation of the Golgi apparatus associated with pathogenesis in Pelizaeus-Merzbacher disease.

"Published figure using PDI monoclonal antibody (Product # MA3-019-A488) in Immunofluorescence"

Authors: Numata Y, Morimura T, Nakamura S, Hirano E, Kure S, Goto YI, Inoue K

Species
Not Applicable

Dilution
Not Cited

Year
2013

The Journal of biological chemistry

NLRP7, a nucleotide oligomerization domain-like receptor protein, is required for normal cytokine secretion and co-localizes with Golgi and the microtubule-organizing center.

"Published figure using PDI monoclonal antibody (Product # MA3-019-A488) in Immunofluorescence"

Authors: Messaed C, Akoury E, Djuric U, Zeng J, Saleh M, Gilbert L, Seoud M, Qureshi S, Slim R

Species
Not Applicable

Dilution
Not Cited

Year
2011

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