

Product Datasheet

PADI2 Antibody (4D4) - Azide and BSA Free H00011240-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

www.novusbio.com



technical@novusbio.com

Publications: 3

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/H00011240-M01

Updated 9/9/2025 v.20.1

**Earn rewards for product
reviews and publications.**

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/H00011240-M01



H00011240-M01

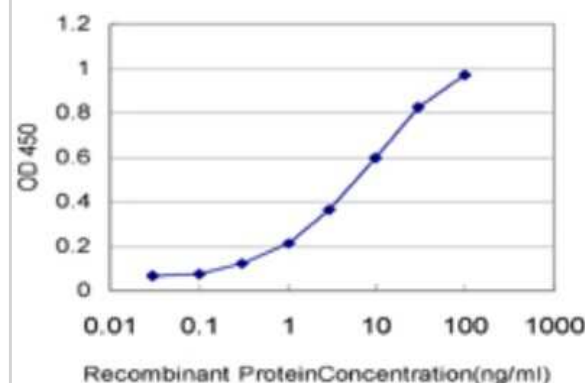
PADI2 Antibody (4D4) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	4D4
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Novus Biologicals Mouse PADI2 Antibody (4D4) - Azide and BSA Free (H00011240-M01) is a monoclonal antibody validated for use in IHC, WB and ELISA. Anti-PADI2 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	11240
Gene Symbol	PADI2
Species	Human, Mouse
Specificity/Sensitivity	PADI2 (4D4)
Immunogen	PADI2 (NP_003008, 1 a.a. ~ 108 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MLRERTVRLQYGSRVEAVYVLGTYLWTDVYSAAPAGAQTFSCLKHSEHVWVEV VRDGEAEEVATNGKQRWLLSPSTTLRVTMSQASTEASSDKVTNYYDEEGSIP IDQ
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry, Sandwich ELISA
Recommended Dilutions	Western Blot 1:500, ELISA 1:100-1:2000, Immunohistochemistry 1:10-1:500, Sandwich ELISA
Application Notes	Antibody reactive against recombinant protein with GST tag on ELISA and Western Blot. GST tag alone is used as a negative control. Immunohistochemistry was reported in scientific literature.



Images

Sandwich ELISA: PADI2 Antibody (4D4) [H00011240-M01] - Detection limit for recombinant GST tagged PADI2 is approximately 0.3ng/ml as a capture antibody.



Publications

Blachere NE, Parveen S, Frank MO et al. High titer rheumatoid arthritis antibodies preferentially bind fibrinogen citrullinated by peptidyl arginine deiminase 4. *Arthritis Rheumatol* 2016-12-28 [PMID: 28029744]

Blachere NE, Parveen S, Fak J et al. Inflammatory but not apoptotic death of granulocytes citrullinates fibrinogen. *Arthritis Res Ther* 2015-01-01 [PMID: 26684871] (WB)

Chumanevich AA, Causey CP, Knuckley BA et al. Suppression of colitis in mice by Cl-amidine: a novel peptidylarginine deiminase inhibitor. *Am J Physiol Gastrointest Liver Physiol*. 2011-06-01 [PMID: 21415415] (IF/IHC, Mouse)



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to H00011240-M01

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
H00011240-Q01-10ug	Recombinant Human PADI2 GST (N-Term) Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/H00011240-M01

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

