

Product Datasheet

FANCD2 [p Ser222] Antibody NB100-502

Unit Size: 0.2 ml

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/NB100-502

Updated 10/23/2024 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/NB100-502

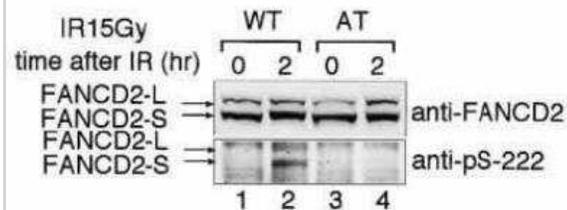


NB100-502**FANCD2 [p Ser222] Antibody**

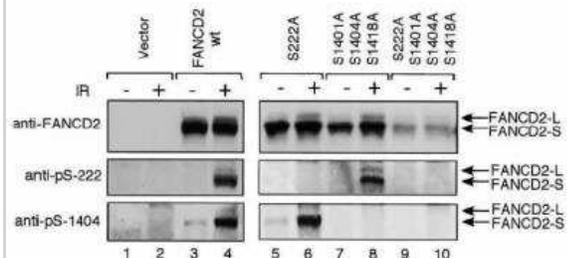
Product Information	
Unit Size	0.2 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.1% Sodium Azide
Isotype	IgG
Purity	Unpurified
Buffer	Whole antisera
Target Molecular Weight	164.1 kDa
Product Description	
Host	Rabbit
Gene ID	2177
Gene Symbol	FANCD2
Species	Human
Immunogen	This FANCD2 [p Ser222] Antibody was developed against a synthetic peptide made to human FANCD2 (residues 217-226), surrounding the phosphorylated Serine 222. [Swiss-Prot# Q9BXW9]
Product Application Details	
Applications	Western Blot
Recommended Dilutions	Western Blot 1:100-1:500
Application Notes	This FANCD2 [p Ser222] antibody is useful for Western Blot. 1:400 dilution recommended for PD20 FANCD2 overexpressing cells, 1:100 for HeLa cells, 1:200 for other cell types.

Images

Western Blot: FANCD2 [p Ser222] Antibody [NB100-502] - Indicated lymphoblasts (PD7, WT: GM1526, AT) were irradiated with 15 Gy (2), and immunoblotted with anti-FANCD2 and anti-FANCD2 (pS-222)



Western Blot: FANCD2 [p Ser222] Antibody [NB100-502] - FA-D2 fibroblasts were stably transfected with either pMMP (empty vector, A), FANCD2 (wt, B), FANCD2 [p Ser222] Antibody (C), FANCD2 (triple mutant, D), or FANCD2 (quadruple mutant, E).



Publications

S Inano, K Sato, Y Katsuki, W Kobayashi, H Tanaka, K Nakajima, S Nakada, H Miyoshi, K Knies, A Takaori-Ko, D Schindler, M Ishiai, H Kurumizaka, M Takata RFD3-Mediated Ubiquitination Promotes Timely Removal of Both RPA and RAD51 from DNA Damage Sites to Facilitate Homologous Recombination *Mol. Cell*, 2017-06-01;66(5):622-634.e8. 2017-06-01 [PMID: 28575658]

Ceccaldi R, Briot D, Larghero J, et al. Spontaneous abrogation of the G2DNA damage checkpoint has clinical benefits but promotes leukemogenesis in Fanconi anemia patients *J Clin Invest* 2011-01-01 [PMID: 21183791]

Taniguchi, T et al. Convergence of the fanconi anemia ataxia telangiectasia signaling pathways. *Cell* 109(4): 459-472. 2002-01-01 [PMID: 12086603] (WB, Human)



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 NB100-502

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NB100-502PEP	FANCD2 Antibody Blocking Peptide

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/NB100-502

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

