

Product Datasheet

BRCA1 Antibody (MU) - Azide and BSA Free NBP2-80602

Unit Size: 0.1 ml

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

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Updated 9/11/2020 v.20.1

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NBP2-80602

BRCA1 Antibody (MU) - Azide and BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	1.9 mg/ml
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	MU
Preservative	No Preservative
Isotype	IgG2b Kappa
Purity	Protein G purified
Buffer	Tris-Glycine, 0.15 M NaCl
Target Molecular Weight	240 kDa

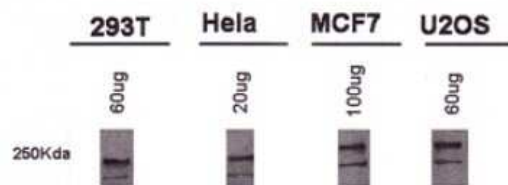
Product Description	
Host	Mouse
Gene ID	672
Gene Symbol	BRCA1
Species	Human
Immunogen	Human BRCA1 corresponding to residues 1314-1864 [UniProt# P38398]

Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunoprecipitation
Recommended Dilutions	Western Blot 2 - 4 ug/ml, Flow Cytometry 1 ug per million cells, Immunoprecipitation 1:10 - 1:500
Application Notes	In Western blot a band is observed at ~220-240 kDa. The observed molecular weight of the protein may vary from the listed predicted molecular weight due to post translational modifications, post translation cleavages, relative charges, and other experimental factors.

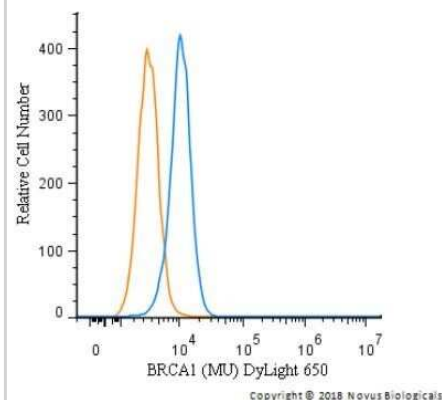


Images

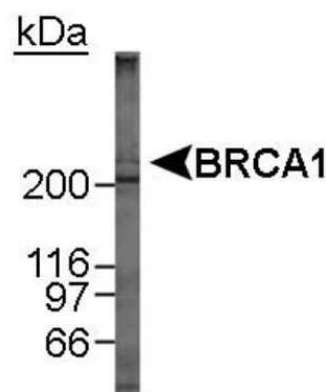
Western Blot: BRCA1 Antibody (MU) - Azide and BSA Free [NBP2-80602] - Detection of BRCA1 using NB100-600. Image from the standard format of this antibody.



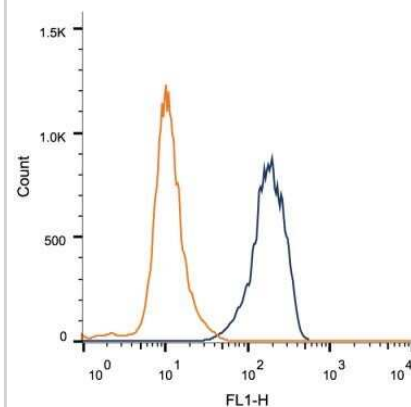
Flow Cytometry: BRCA1 Antibody (MU) - Azide and BSA Free [NBP2-80602] - An intracellular stain was performed on MCF7 cells with BRCA1 Antibody [MU] NB100-600C (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 2.5 ug/mL for 30 minutes at room temperature. Both antibodies were directly conjugated to DyLight 650.



Western Blot: BRCA1 Antibody (MU) - Azide and BSA Free [NBP2-80602] - Detection of BRCA1 in MCF-7 whole cell lysate using NB100-600. 2 minute ECL exposure. Image from the standard format of this antibody.



Flow Cytometry: BRCA1 Antibody (MU) - Azide and BSA Free [NBP2-80602] - Intracellular flow cytometric staining of 1×10^6 MCF-7 cells using BRCA1 antibody (dark blue). Isotype control shown in orange. Antibody at $1 \text{ ug}/1 \times 10^6$ cells was used. Image from the standard format of this antibody.





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

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43317-0.5mg	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)
H00000672-P01-25ug	Recombinant Human BRCA1 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.

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