

Product Datasheet

E2F-1 Antibody (16G7) - Azide and BSA Free NB600-210

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

www.novusbio.com



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Publications: 2

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NB600-210

E2F-1 Antibody (16G7) - Azide and BSA Free

Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	16G7
Preservative	No Preservative
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS
Target Molecular Weight	47 kDa

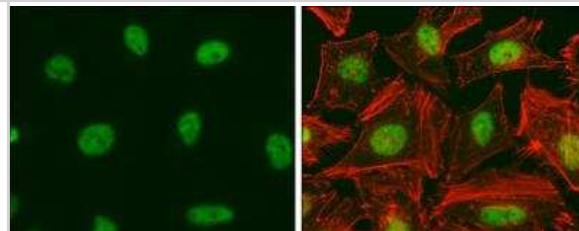
Product Description	
Description	Novus Biologicals Mouse E2F-1 Antibody (16G7) - Azide and BSA Free (NB600-210) is a monoclonal antibody validated for use in IHC, WB, ICC/IF and IP. Anti-E2F-1 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	1869
Gene Symbol	E2F1
Species	Human, Mouse
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions.
Specificity/Sensitivity	This is specific for human E2F-1.
Immunogen	The region encoding the DNA binding domain (amino acids 244-264) of E2F-1 expressed in E. coli.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500 - 1:3000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100 - 1:1000, Immunoprecipitation, Immunohistochemistry-Paraffin 1:100 - 1:1000
Application Notes	IP-Assay dependent

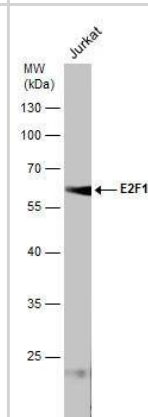


Images

Immunocytochemistry/Immunofluorescence: E2F-1 Antibody (16G7) [NB600-210] - HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: E2F1 protein stained by E2F1 antibody [16G7] diluted at 1:200. Red: phalloidin, a cytoskeleton marker, diluted at 1:50.



Whole cell extract (30 ?g) was separated by 10% SDS-PAGE, and the membrane was blotted with E2F-1 antibody [16G7] (NB600-210) diluted at 1:1000. The signal was developed with Trident ECL plus-Enhanced.



Publications

Kawasaki, K, Nojima, S Et al. FAM111B enhances proliferation of KRAS-driven lung adenocarcinoma by degrading p16. *Cancer Sci* 2020-07-01 [PMID: 32418298] (WB, Human)

Zhang L, Zhang S, Yao J et al. Microenvironment-induced PTEN loss by exosomal microRNA primes brain metastasis outgrowth. *Nature* 2015-11-05 [PMID: 26479035]



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 NB600-210

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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