

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.

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NB600-210

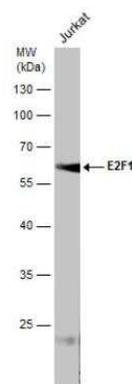
E2F-1 Antibody (16G7) - Azide and BSA Free

| 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 | |
| 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, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, 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 |

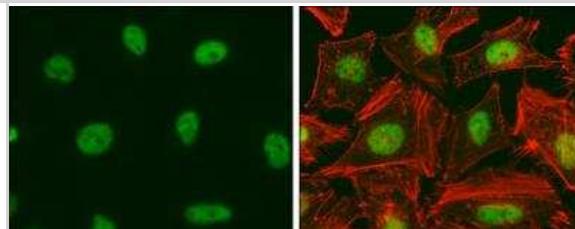


Images

Western Blot: E2F-1 Antibody (16G7) [NB600-210] - Whole cell extract (30 ug) was separated by 10% SDS-PAGE, and the membrane was blotted with E2F1 antibody [16G7] diluted at 1:1000. The signal was developed with Trident ECL plus-Enhanced.



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.



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]



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Products Related to NB600-210

| | |
|------------------|---|
| HAF007 | Goat anti-Mouse IgG Secondary Antibody [HRP] |
| NB720-B | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-97005-0.5mg | Mouse IgG1 Isotype Control (MG1) |
| NBP2-56716PEP | E2F-1 Recombinant Protein Antigen |

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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