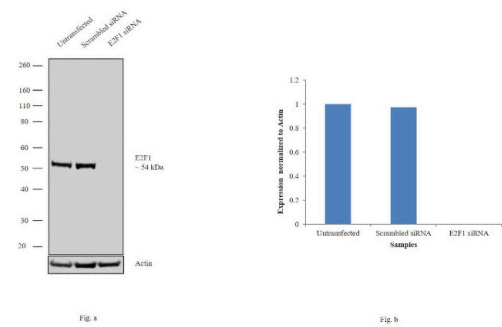


# E2F1 Monoclonal Antibody (KH95)

Product Details	
Size	100 µg
Species Reactivity	Human, Mouse, Rat
Published Species	Human, Mouse
Host/Isotype	Mouse / IgG2a
Class	Monoclonal
Type	Antibody
Clone	KH95
Conjugate	Unconjugated
Immunogen	Recombinant human E2F-1 protein.
Form	Liquid
Concentration	0.5 mg/mL
Purification	Protein A
Storage buffer	PBS, pH 7.4
Contains	0.1% sodium azide
Storage conditions	-20°C
RRID	AB_2533065

Applications	Tested Dilution	Publications
Western Blot (WB)	1-3 µg/mL	7 Publications
Immunohistochemistry (IHC)	0.1-1.0 µg/mL	-
Immunohistochemistry (Paraffin) (IHC (P))	-	4 Publications
Immunoprecipitation (IP)	2-5 µg	3 Publications
ChIP assay (ChIP)	2 µg/10 <sup>6</sup> cells	2 Publications

Product Images For E2F1 Monoclonal Antibody (KH95)

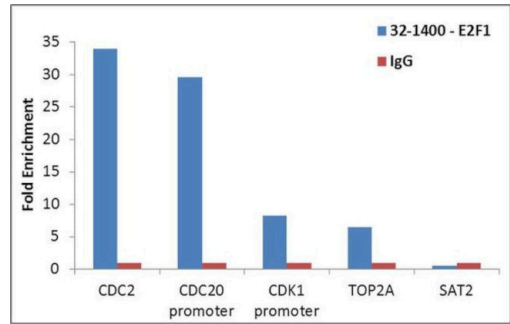
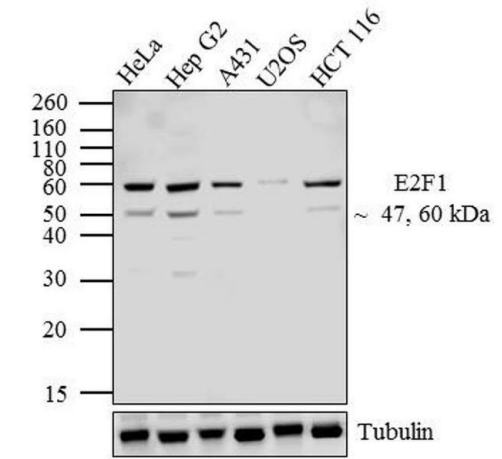


E2F1 Antibody (32-1400)

Antibody specificity was demonstrated by siRNA mediated knockdown of target protein. HeLa cells were transfected with E2F1 siRNA and reduction of signal was observed in Western Blot using E2F1 monoclonal Antibody (Product # 32-1400). {KD}

E2F1 Antibody (32-1400) in WB

Western blot analysis of E2F-1 was performed by loading 30 µg of HeLa (lane1), Hep G2 (lane2), A431 (lane3), U2OS (lane4), HCT 116 (lane5) cell tissue lysate using Novex® NuPAGE® 12 % Bis-Tris gel (Product # NP0342BOX), XCell SureLock™ Electrophoresis System (Product # EI0002), Novex® Sharp Pre-Stained Protein Standard (LC5800), and iBlot® Dry Blotting System (IB21001). Proteins were transferred to a nitrocellulose membrane and blocked with 5 % skim milk at 4°C overnight. E2F-1 was detected at ~47 and 60 kDa using E2F-1 Mouse Monoclonal Antibody (Product # 32-1400) at 1-3 µg/mL in 5 % skim milk for 3 hour at room temperature on a rocking platform. Goat Anti-Mouse - HRP Secondary Antibody (Product # 62-6520) at 1:4000 dilution was used and chemiluminescent detection was performed using Pierce™ ECL Western Blotting Substrate (Product # 32106).



E2F1 Antibody (32-1400)

Antibody specificity was demonstrated by detection of enrichment of the target protein at specific gene loci. Chromatin Immunoprecipitation (ChIP) was performed using Anti-E2F1 Monoclonal Antibody (Product # 32-1400) using PCR primer pairs over CDC2, CDC20 promoter, CDK1 promoter, TOP2A (active) and SAT2 satellite repeats (inactive). {RE}

View more figures on [thermofisher.com](https://thermofisher.com)

Western Blot (7)

Frontiers in oncology	Year 2021
<b>Large Multicohort Study Reveals a Prostate Cancer Susceptibility Allele at 5p15 Regulating <i>TERT</i> via Androgen Signaling-Orchestrated Chromatin Binding of E2F1 and MYC.</b>	
"Published figure using E2F1 monoclonal antibody (Product # 32-1400) in ChIP assay"	
Authors: Dong X,Zhang Q,Hao J,Xie Q,Xu B,Zhang P,Lu H,Huang Q,Yang T,Wei GH,Na R,Gao P	
Nucleic acids research	Year 2020
<b>MDM2's dual mRNA binding domains co-ordinate its oncogenic and tumour suppressor activities.</b>	Species Human
"32-1400 was used in Immunoprecipitation to illustrate how two MDM2 domains selectively bind specific mRNAs in response to cellular conditions to promote, or suppress, cell growth and how p14Arf coordinates MDM2's activity towards p53 and E2F1."	
Authors: Gnanasundram SV,Malbert-Colas L,Chen S,Fusée L,Daskalogianni C,Muller P,Salomao N,Fähræus R	

[View more WB references on thermofisher.com](#)

Immunohistochemistry (Paraffin) (4)

PloS one	Year 2015
<b>Repair of oxidative DNA damage, cell-cycle regulation and neuronal death may influence the clinical manifestation of Alzheimer's disease.</b>	Dilution 1:200
"32-1400 was used in immunohistochemistry - paraffin section to study the clinical manifestation of Alzheimer's disease involving cell-cycle regulation, neuronal death and repair of oxidative DNA damage"	
Authors: Silva AR,Santos AC,Farfel JM,Grinberg LT,Ferretti RE,Campos AH,Cunha IW,Begnami MD,Rocha RM,Carraro DM,de Bragança Pereira CA,Jacob-Filho W,Brentani H	
Hepatology (Baltimore, Md.)	Year 2014
<b>Genomic portrait of resectable hepatocellular carcinomas: implications of RB1 and FGF19 aberrations for patient stratification.</b>	Species Human
"Published figure using E2F1 monoclonal antibody (Product # 32-1400) in Immunohistochemistry"	Dilution 1:200
Authors: Ahn SM,Jang SJ,Shim JH,Kim D,Hong SM,Sung CO,Baek D,Haq F,Ansari AA,Lee SY,Chun SM,Choi S,Choi HJ,Kim J,Kim S,Hwang S,Lee YJ,Lee JE,Jung WR,Jang HY,Yang E,Sung WK,Lee NP,Mao M,Lee C,Zucman-Rossi J,Yu E,Lee HC,Kong G	

[View more IHC \(P\) references on thermofisher.com](#)

More applications with references on thermofisher.com

- IP (3)
- ChIP (2)

For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization. Products are warranted to operate or perform substantially in conformance with published Product specifications in effect at the time of sale, as set forth in the Production documentation, specifications and/or accompanying package inserts ("Documentation"). No claim of suitability for use in applications regulated by FDA is made. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated in the Documentation, this warranty is limited to one year from date of shipment when the Product is subjected to normal, proper and intended usage. This warranty does not extend to anyone other than the Buyer. Any model or sample furnished to Buyer is merely illustrative of the general type and quality of goods and does not represent that any Product will conform to such model or sample. NO OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE GRANTED INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR NON INFRINGEMENT. BUYER'S EXCLUSIVE REMEDY FOR NON-CONFORMING PRODUCTS DURING THE WARRANTY PERIOD IS LIMITED TO REPAIR, REPLACEMENT OF OR REFUND FOR THE NON-CONFORMING PRODUCT(S) AT SELLER'S SOLE OPTION. THERE IS NO OBLIGATION TO REPAIR, REPLACE OR REFUND FOR PRODUCTS AS THE RESULT OF (I) ACCIDENT, DISASTER OR EVENT OF FORCE MAJEURE, (II) MISUSE, FAULT OR NEGLIGENCE OF OR BY BUYER, (III) USE OF THE PRODUCTS IN A MANNER FOR WHICH THEY WERE NOT DESIGNED, OR (IV) IMPROPER STORAGE AND HANDLING OF THE PRODUCTS. Unless otherwise expressly stated on the Product or in the documentation accompanying the Product, the Product is intended for research only and is not to be used for any other purpose, including without limitation, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses, or any type of consumption by or application to human or animals.