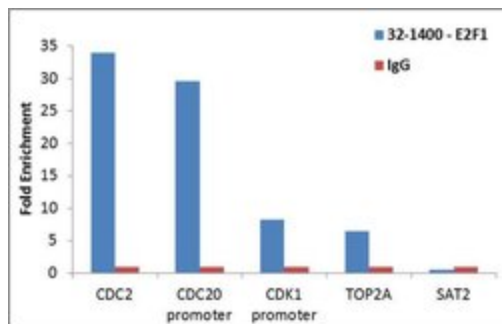


E2F1 Monoclonal Antibody (KH95)

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

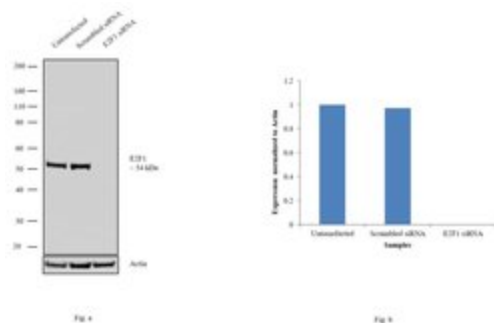
Applications	Tested Dilution	Publications
Western Blot (WB)	1-3 µg/mL	5 Publications
Immunohistochemistry (IHC)	0.1-1.0 µg/mL	1 Publication
Immunohistochemistry (Paraffin) (IHC (P))	-	4 Publications
Immunoprecipitation (IP)	2-5 µg	1 Publication
ChIP assay (ChIP)	2 µg/10 ⁶ cells	1 Publication

Advanced Verification Data



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). Relative expression validation info.



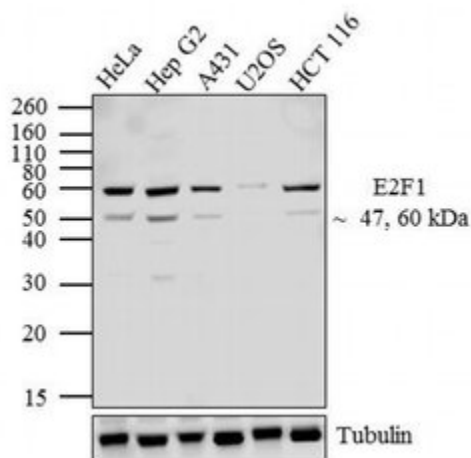
E2F1 Antibody (32-1400)

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). Knockdown validation info.

Product Images For E2F1 Monoclonal Antibody (KH95)

E2F1 Antibody (32-1400) in WB

Western blot analysis of E2F-1 was performed by loading 30 μ g 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 μ g/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).



View more figures on thermofisher.com

12 References

Western Blot (5)

Cancer research

Overexpression of N-Myc rapidly causes acute myeloid leukemia in mice.

"32-1400 was used in western blot to determine whether N-Myc overexpression is highly oncogenic in mouse myeloid cells"

Authors: Kawagoe H,Kandilci A,Kranenburg TA,Grosveld GC

Species

Not Applicable

Dilution

Not Cited

Year

2007

Laboratory investigation; a journal of technical methods and pathology

Triptolide abrogates growth of colon cancer and induces cell cycle arrest by inhibiting transcriptional activation of E2F.

"32-1400 was used in immunoprecipitation to study the effect of triptolide on colon cancer growth and cell cycle arrest and its mechanism."

Authors: Oliveira A,Beyer G,Chugh R,Skube SJ,Majumder K,Banerjee S,Sangwan V,Li L,Dawra R,Subramanian S, Saluja A,Dudeja V

Species

Human
Not Applicable

Dilution

Not Cited
Not Cited

Year

2015

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Immunohistochemistry (1)

Hepatology (Baltimore, Md.)

Genomic portrait of resectable hepatocellular carcinomas: implications of RB1 and FGF19 aberrations for patient stratification.

"32-1400 was used in immunohistochemistry - paraffin section to identify the prognostic markers of resectable hepatocellular carcinomas"

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

Species

Human
Not Applicable

Dilution

1:200
Not Cited

Year

2014

Immunohistochemistry (Paraffin) (4)

Hepatology (Baltimore, Md.)

Genomic portrait of resectable hepatocellular carcinomas: implications of RB1 and FGF19 aberrations for patient stratification.

"32-1400 was used in immunohistochemistry - paraffin section to identify the prognostic markers of resectable hepatocellular carcinomas"

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

Species

Human
Not Applicable

Dilution

1:200
Not Cited

Year

2014

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More applications with references on thermofisher.com

IP (1) ChIP (1)

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