## E2F4 AntibodyRabbit PolyclonalAntigen Affinity PurifiedProtein IDCatalog No.A302-134AGeneID1874

A302-134A-2

Lot No.

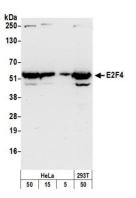


	13 11 2		LABORATORIES, INC
APPLICATIONS	WB, IP, IHC		
SPECIES REACTIVITY	Human		
AMOUNT	100 µl		
CONCENTRATION	1000 μg/ml		
STORAGE/SHELF LIFE	2 - 8° C / 1 year from date of receipt		
PHYSICAL STATE	Liquid		
BUFFER	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide		
ISOTYPE	IgG		
ORIGIN	USA		
PRODUCTION PROCEDURES	Antibody was affinity purified using an epitope specific to E2F4 immobilized on solid support.		
	The epitope recognized by A302–134A maps to a region between residue 363 and 413 of human E2F transcription factor 4 using the numbering given in entry NP_001941.2 (GeneID 1874).		
	Immunoglobulin concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.		
APPLICATIONS	Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.		
	Western Blot	1:2,000 - 1:10,000	
	Immunoprecipitation	2 – 10 µg/mg lysate	
	Immunohistochemistry	1:500 – 1:2,000. Epitope retrieval with citrate recommended for FFPE tissue sections.	buffer pH 6.0 is
APPLICATION NOTES	Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. S100–020), Goat anti–Rabbit Light Chain HRP Conjugate (Cat. No. A120–113P) and 4–20% SDS–PAGE (link to IP–western blot protocol in Additional Info section below).		
IHC HUMAN CONTROLS	Western blot of lysates performed using standard western blot reagents and 4–20% SDS–PAGE. Breast Carcinoma, Ovarian Carcinoma, Prostate Carcinoma		
ADDITIONAL INFO	https://www.bethyl.com/product/A302-134A Use the link above to view SDS, a current list of citations, and other product specific information. IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB		

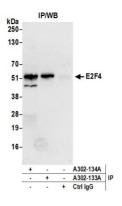
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc. Eric McIntush, PhD | Chief Scientific Officer Date: June 21, 2019

Bethyl Laboratories, Inc. • 25043 West FM 1097 • Montgomery, TX 77356 • 800.338.9579 • 936.597.6111 • 866.597.6105 (FAX) • www.bethyl.com • technical@bethyl.com

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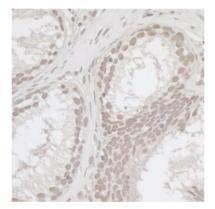


**Detection of human E2F4 by western blot.** *Samples:* Whole cell lysate from HeLa (5, 15, 50  $\mu$ g) and HEK293T (50 $\mu$ g) cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-E2F4 antibody A302-134A (lot A302-134A-2) used for WB at 0.1  $\mu$ g/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.



## Detection of human E2F4 by western blot of

**immunoprecipitates.** *Samples:* Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-E2F4 antibody A302-134A (lot A302-134A-2) used for IP at 6 µg per reaction. E2F4 was also immunoprecipitated by rabbit anti-E2F4 antibody A302-133A. For blotting immunoprecipitated E2F4, A302-134A was used at 1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 10 seconds.



**Detection of human E2F4 by immunohistochemistry.** *Sample:* FFPE section of human prostate carcinoma. *Antibody:* Affinity purified rabbit anti-E2F4 (Cat. No. A302-134A Lot2) used at a dilution of 1:1,000 (1µg/ml). *Detection:* DAB

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