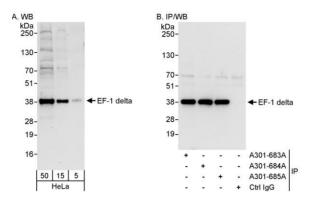
EF-1 delta Antibody

Rabbit Polyclo Antigen Affinit		d	Protein ID	NP_001951.2	C. M.		
Catalog No. A301–683A		GenelD	1936		_		
Lot No.	A301-6		deneib		LABORATORIES, I	BETHYL LABORATORIES, INC	
APPLICATIONS		WB, IP					
SPECIES REACTIVITY		Human					
PRESUMED REACTIVITY		Based on 100% sequence identity, this antibody is predicted to react with Mouse, Rat, Sheep, Bovine and Rabbit					
AMOUNT							
CONCENTRATION		200 μg/ml					
STORAGE/SHELF LIFE		2 – 8° C / 1 year from date of receipt					
PHYSICAL STATE		Liquid					
BUFFER		Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide					
ISOTYPE		IgG					
ORIGIN		USA					
PRODUCTION PROCEDURES		Antibody was affinity purified using an epitope specific to EF-1 delta immobilized on solid support.					
		The epitope recognized by A301–683A maps to a region between residue 25 and 75 of human eukaryotic translation elongation factor 1 delta using the numbering given in entry NP_001951.2 (GeneID 1936).					
		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			
		Immunoprecipi	tation 2 -	5 µg/mg lysate			
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).					
		Western blot of lysates performed using standard western blot reagents and 4-20% SDS-PAGE.					
ADDITIONAL IN	FO	https://www.be	thyl.com/prod	duct/A301-683A			
		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

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Detection of human EF-1 delta by western blot and immunoprecipitation. *Samples:* Whole cell lysate (5, 15 and 50 µg for WB; 1 mg for IP, 20% of IP loaded) from HeLa cells. *Antibodies:* Affinity purified rabbit anti-EF-1 delta antibody A301-683A used for WB at 0.04 µg/ml (A) and 1 µg/ml (B) and used for IP at 3 µg/mg lysate. EF-1 delta was also immunoprecipitated by rabbit anti-EF-1 delta antibodies A301-684A and A301-685A, which recognize downstream epitopes. *Detection:* Chemiluminescence with exposure times of 30 seconds (A) and 3 seconds (B).

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