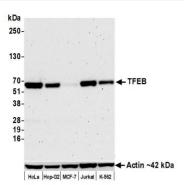
## TFEB Recombinant Monoclonal Antibody [BLR070G]



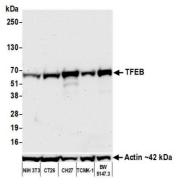
				/ -	-	LABORATORIES, INC 📕 LIFE SCIEN	CES
Rabbit Recom	binant M	Ionoclonal					
Purified			Protein ID	NP_009093.1			
Catalog No.	A700-070		GenelD	7942			
Lot No. A700-070-2		070-2					
APPLICATIONS		WB, IP					
SPECIES REACTIVITY		Human, Mouse					
AMOUNT		100 µl (10 blots)					
CONCENTRATION		100 μg/ml					
STORAGE/SHELF LIFE		2 - 8°C / 1 year from date of receipt					
PHYSICAL STATE		Liquid					
BUFFER		Borate Buffered Saline (BBS) pH 8.2 with 0.1% BSA and 0.09% Sodium Azide					
ISOTYPE		IgG					
CLONE #		BLR070G					
ORIGIN		USA					
PRODUCTION PROCEDURES		Recombinant antibody was purified from cell culture supernatant.					
		Immunogen was a peptide representing a region between residue 426 and the C-terminus (residue 476) of human Transcription factor EB using the numbering given in entry NP_009093.1 (Gene ID 7942).					
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	1:1	000			
		Immunoprecipit	ation 20	µl/1 mg lysate			
ADDITIONAL INFO		https://www.bethyl.com/product/A700-070 Use the link above to view SDS, a current list of citations, and other product specific information.					

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc. Michael Spencer, PhD Date: October 27, 2021

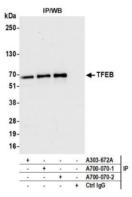
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**Detection of human TFEB by western blot.** *Samples:* Whole cell lysate (50 µg) from HeLa, Hep–G2, MCF–7, Jurkat, and K–562 cells prepared using NETN lysis buffer. *Antibody:* Rabbit anti–TFEB recombinant monoclonal antibody [BLR070G] (A700–070 lot 2) used at 1:1000. *Secondary:* HRP-conjugated goat anti–rabbit IgG (A120–101P). Chemiluminescence with an exposure time of 3 minutes. Lower Panel: Rabbit anti–Actin recombinant monoclonal antibody [BLR057F] (A700–057).



**Detection of mouse TFEB by western blot.** *Samples:* Whole cell lysate (50 μg) from NIH 3T3, CT26, CH27, TCMK-1, and BW5147.3 cells prepared using NETN lysis buffer. *Antibody:* Rabbit anti-TFEB recombinant monoclonal antibody [BLR070G] (A700-070 lot 2) used at 1:1000. *Secondary:* HRP-conjugated goat anti-rabbit lgG (A120-101P). Chemiluminescence with an exposure time of 30 seconds. Lower Panel: Rabbit anti-Actin recombinant monoclonal antibody [BLR057F] (A700-057).



## Detection of human TFEB by western blot of

**immunoprecipitates.** *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. *Antibodies:* Rabbit anti-TFEB recombinant monoclonal antibody [BLR070G] (A700-070 lot 2) used for IP at 20 µl/mg lysate. TFEB was also immunoprecipitated by a previous lot of this antibody (A700-070 lot 1) and a second antibody against a different epitope of TFEB (A303-672A). For blotting immunoprecipitated TFEB, A700-070 was used at 1:1000. Chemiluminescence with an exposure time of 10 seconds.

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