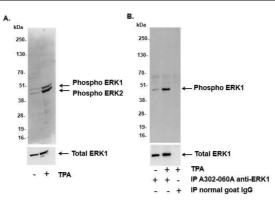
Phospho-ERK1/2 (T202/Y204, T185/Y187) Antibody

- Dahkit Dahuala					- Ord	
Rabbit Polyclonal			Dratain ID		S Small	
Antigen Affinity Purified		Protein ID	NP_002737.2			
Catalog No. A303-608A Lot No. A303-608A-1		GenelD	5594	BETHY		
Lot No.	A303-0	008A-1			LABORATORIES, I	INC
APPLICATIONS		WB				
SPECIES REACTIVITY		Human				
PRESUMED REACTIVITY		Based on 100% sequence identity, this antibody is predicted to react with Mouse, Rat, D. melanogaster, X. laevis and Bovine				
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 Phospho ERK1/2 (T202/Y204, T185/Y187) immobilized on solid support.				
		The epitope recognized by A303-608A maps to a region of human Extracellular Signal- Regulated Kinase-1 surrounding threonine 202 and tyrosine 204 (when using the numbering according to NCBI entry NP_002737.2, GeneID 5595) and human Extracellular Signal-Regulated Kinase-2 surrounding threonine 185 and tyrosine 187 (when using the numbering according to NCBI entry NP_620407.1, Gene ID 5594) when the threonine and tyrosine residues are phosphorylated.				
		Antibody 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	1:1	,000 - 1:5,000		
		Immunoprecip	itation Not	t recommended		
APPLICATION NOTES		Western blot of lysates performed using standard western blot reagents and 4–20% SDS-PAGE.				
ADDITIONAL INFO		https://www.bethyl.com/product/A303-608A 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. Eric McIntush, PhD | Chief Scientific Officer Date: June 21, 2019

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Detection of human phospho–ERK1 and ERK2 by western blot (WB). Samples: Whole cell lysate (50 μ g for WB; 1 mg for IP, 20% of IP loaded) from HeLa cells that were mock treated (-) or treated with TPA (+). Antibodies: Affinity purified rabbit anti–Phospho ERK1/2 A303–608A used for WB at 0.1 μ g/ml (A) and 1 μ g/ml (B). In (B), ERK1 was immunoprecipitated with affinity purified rabbit anti–ERK1 antibody A302–060A. To demonstrate the presence of total ERK1, blots (A) and (B) were stripped and re–probed with anti–ERK1 antibody A302–060A. Detection: Chemiluminescence with exposure times of 30 seconds (A) and (B).

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