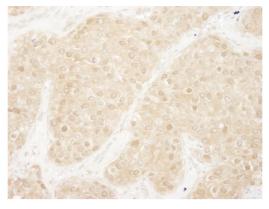
ERK1 IHC Antibody						
Rabbit Polyclonal Antigen Affinity Purified Catalog No. IHC-00505 Lot No. IHC-00505-1		Protein ID GeneID	NP_002737.2 5595		BETHYL LABORATORIES, INC	
APPLICATIONS		IHC				
SPECIES REACTIVITY		Human				
PRESUMED REACTIVITY		Based on 100% sequence identity, this antibody is predicted to react with Dog, Horse, Orangutan, Gorilla and Chimpanzee 100 μl				
CONCENTRATION		250 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 ERK1 immobilized on solid support.				
		The epitope recognized by IHC-00505 maps to a region between residue 329 and 379 of human extracellular signal-related kinase 1 (mitogen-activated protein kinase 3) using the numbering given in entry NP_002737.2 (GeneID 5595).				
		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.				
		Immunohistoch	nemistry 1:1	00 - 1:500		
APPLICATION NOTES		Epitope exposure is recommended.				
		Epitope exposure with citrate buffer will enhance staining.				
		Likely to work with frozen sections.				
IHC HUMAN CONTROLS		In some cases, the antibody may be diluted further than indicated. Breast Carcinoma, Colon Carcinoma, Ovarian Carcinoma				
ADDITIONAL INFO		https://www.bethyl.com/product/IHC-00505 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 ERK1 by immunohistochemistry. *Sample:* FFPE section of human breast carcinoma. *Antibody:* Affinity purified rabbit anti-ERK1 (Cat. No. IHC-00505) used at a dilution of 1:250. *Detection:* DAB

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