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

Rabbit Polyclonal

Antigen Affinity Purified

Catalog No. A303-608A

Lot No. A303-608A-1

Protein ID NP_002737.2

GeneID 5594

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
Immunoprecipitation	Not recommended

APPLICATION NOTES	Western blot of lysates performed using standard western blot reagents and 4-20% SDS-PAGE.
ADDITIONAL INFO	Please visit our website for additional product 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

For in vitro laboratory use only. Not for any clinical, therapeutic or diagnostic use in humans or animals. Not for human or animal consumption. This product may not be resold or modified for resale without the prior written approval of Bethyl Laboratories, Inc. The information provided in this data sheet is believed to be correct but does not purport to be all-inclusive and is intended to be used as a guide. Bethyl Laboratories, Inc. shall not be liable or responsible in any way for use of either this information or the material supplied. Disposal of hazardous material may be subject to federal, state or local laws or regulations.