Phospho MEK1 (T286) Antibody

Rabbit Polyclonal

Antigen Affinity Purified		Protein ID	NP_002746.1
Catalog No.	A303-610A-T	GeneID	5604
Lot No.	A303-610A-T-1		

APPLICATIONS IP, IHC

SPECIES REACTIVITY Human, Mouse

PRESUMED REACTIVITY Based on 100% sequence identity, this antibody is predicted to react with Rat, Rabbit and Chimpanzee

AMOUNT 10 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 MEK1 immobilized on solid support.

The epitope recognized by A303-610A-T maps to a region of human MAPK/ERK kinase 1 (dual specificity mitogen-activiated protein kinase kinase 1) surrounding threonine 286 using the numbering given in entry NP_002746.1 (Gene ID 5604) when the threonine residue is phosphorylated.

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	Not recommended; however this product has been shown to perform in western blot on immunoprecipitated MEK1 (i.e. IP with A302-139A, A303-610A, or A303-611A).
Immunoprecipitation	2 - 10 µg/mg lysate
Immunohistochemistry	1:1,000 - 1:5,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.

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.
Michael Spencer, PhD Date: March 31, 2022

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