

MEK1 (phospho Thr292) antibody

Cat. No. GTX25612

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P, FCM
Reactivity	Human, Mouse, Rat

Package

50 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:2000
ICC/IF	1:250
IHC-P	1:20-1:200
FCM	1:20

Not tested in other applications.

Calculated MW 43 kDa. ([Note](#))

Properties

Form	Liquid
Buffer	PBS, 0.1% BSA, 50% Glycerol
Preservative	0.05% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	Batch dependent (Please refer to the vial label for the specific concentration.)
Immunogen	The antiserum was produced against a chemically synthesized phosphopeptide derived from a region of human MEK1 that contains threonine 292. The sequence is conserved in many species including mouse, rat, chimp, hamster and rabbit.
Purification	Purified by antigen-affinity chromatography
Conjugation	Unconjugated

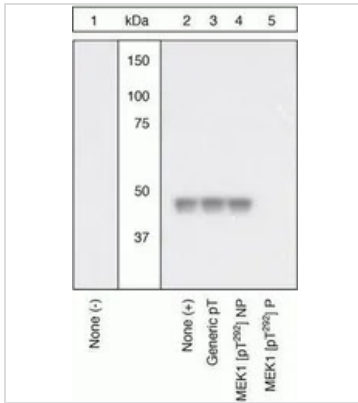


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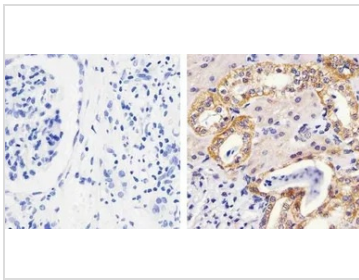
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Note

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES

GTx25612 WB Image

WB (peptide competition) analysis of NIH3T3 cells treated with 50 ng/mL PDGF for 15 minutes (Lanes 2-5) using GTx25612 MEK1 (phospho Thr292) antibody with a generic phosphothreonine-containing peptide (Lane 3), the non-phosphopeptide corresponding to the phosphopeptide immunogen (Lane 4), or the phosphopeptide immunogen (Lane 5) control. The data show that only the immunogen phosphopeptide blocks the signal, demonstrating the specificity of the antibody.


GTx25612 IHC-P Image

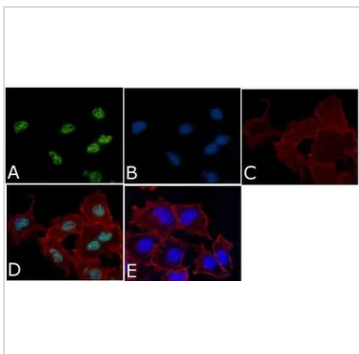
IHC-P analysis of human kidney tissue using GTx25612 MEK1 (phospho Thr292) antibody.

Right : Primary antibody

Left : Negative control without primary antibody

Antigen retrieval : 10mM sodium citrate (pH 6.0), microwaved for 8-15 min

Dilution : 1:100


GTx25612 ICC/IF Image

ICC/IF analysis of A549 cells using GTx25612 MEK1 (phospho Thr292) antibody. Panel e is a no primary antibody control.

Green : Primary antibody

Blue : Nuclei

Red : Actin

Fixation : 4% paraformaldehyde

Permeabilization : 0.25% Triton X-100 for 10 minutes

Dilution : 1:250 dilution in 1% BSA incubated for 3 hours at room temperature



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