

# ERK1/2 antibody



Catalog Number: 107194

## Product name

ERK1/2 antibody

WB: 1:500-1:5000

IP: 1:1000-1:10000

## Specificity

Human, Mouse; other species not tested.

IHC: 1:20-1:200

IF: 1:20-1:200

## Antibody description

ERK1/2 Mouse Monoclonal antibody. Positive IHC detected in human ovary tumor tissue, human cervical cancer tissue. Positive IF detected in HepG2 cells. Positive WB detected in HeLa cells, HepG2 cells, MCF-7 cells. Positive IP detected in HeLa cells. Observed molecular weight by Western-blot: 38 kDa, 43 kDa

## Preparation

This antibody was obtained by immunization of ERK1/2 recombinant protein (Accession Number: NM\_002746). Purification method: Protein G purified.

## Formulation

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

## Storage

Store at -20°C. DO NOT ALIQUOT

## Clonality

Monoclonal

## Ig Type

Mouse IgG1

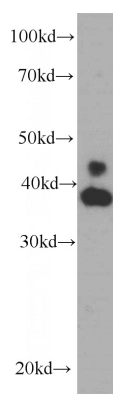
## Applications

ELISA, WB, IHC, IF, IP

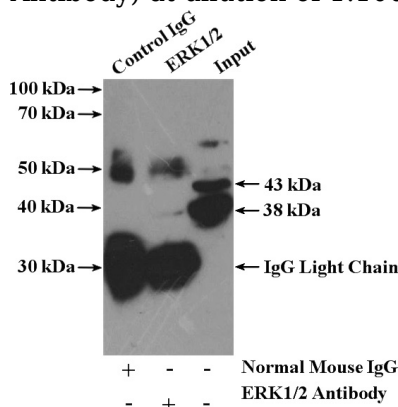
## Dilutions

Recommended Dilution:

## Validations



HeLa cells were subjected to SDS PAGE followed by western blot with Catalog No:107194(ERK1/2 Antibody) at dilution of 1:1000

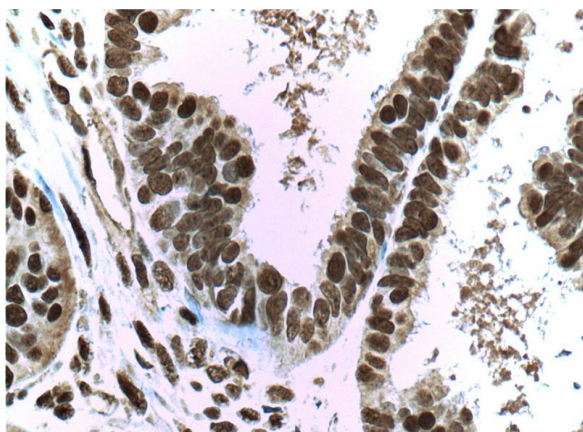


IP Result of anti-ERK1/2 (IP:Catalog No:107194, 5ug; Detection:Catalog No:107194 1:2000) with HeLa cells lysate 2960ug.

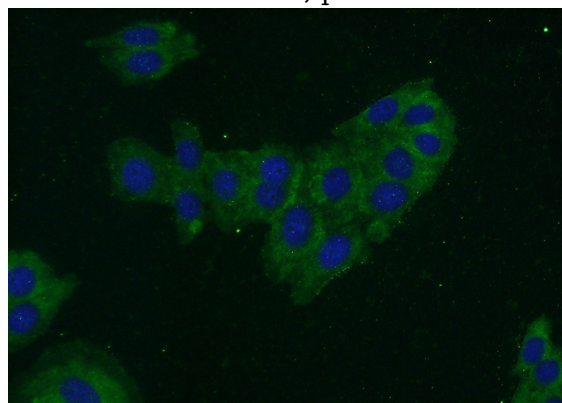
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with Tris-EDTA buffer, pH9.0



Immunohistochemistry of paraffin-embedded human ovary tumor tissue slide using Catalog No:107194(ERK1/2 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieved

Immunofluorescent analysis of HepG2 cells using Catalog No:107194(ERK1/2 Antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Mouse IgG(H+L)