

ERK1/2 antibody [HL2946]

Cat. No. GTX640331

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

 Review (1)

Package

100 µl, 25 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	Assay dependent
ICC/IF	Assay dependent
IHC-P	1:100-1:1000

Not tested in other applications.

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

Properties

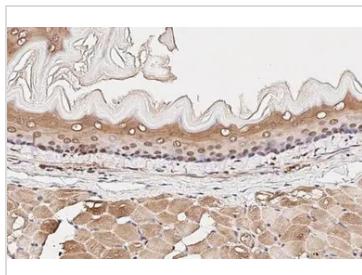
Form	Liquid
Buffer	PBS
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Synthetic peptide of human ERK1/2.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated
For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.	
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.



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DATA IMAGES

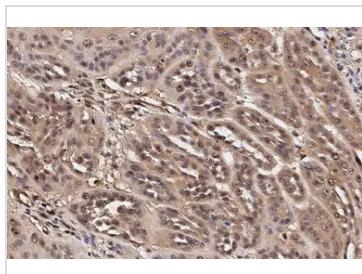
**GTX640331 IHC-P Image**

ERK1/2 antibody [HL2946] detects ERK1/2 protein by immunohistochemical analysis.

Sample: Paraffin-embedded rat esophagus.

ERK1/2 stained by ERK1/2 antibody [HL2946] (GTX640331) diluted at 1:100.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min

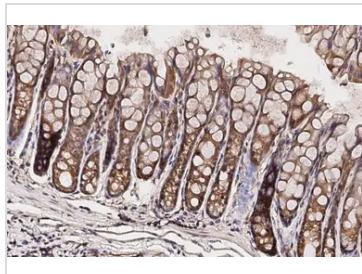
**GTX640331 IHC-P Image**

ERK1/2 antibody [HL2946] detects ERK1/2 protein by immunohistochemical analysis.

Sample: Paraffin-embedded human oral carcinoma.

ERK1/2 stained by ERK1/2 antibody [HL2946] (GTX640331) diluted at 1:100.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min

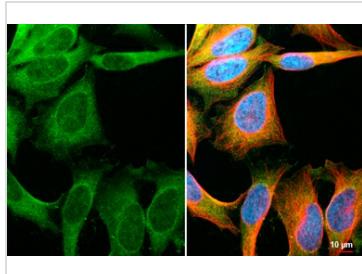
**GTX640331 IHC-P Image**

ERK1/2 antibody [HL2946] detects ERK1/2 protein by immunohistochemical analysis.

Sample: Paraffin-embedded mouse colon.

ERK1/2 stained by ERK1/2 antibody [HL2946] (GTX640331) diluted at 1:100.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min

**GTX640331 ICC/IF Image**

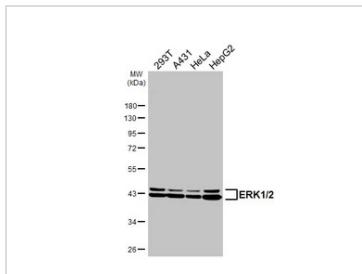
ERK1/2 antibody [HL2946] detects ERK1/2 protein by immunofluorescent analysis.

Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: ERK1/2 stained by ERK1/2 antibody [HL2946] (GTX640331) diluted at 1:500.

Red: alpha Tubulin, a cytoskeleton marker, stained by alpha Tubulin antibody [GT114] (GTX628802) diluted at 1:1000.

Blue: Fluoroshield with DAPI (GTX30920).

**GTX640331 WB Image**

Various whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with ERK1/2 antibody [HL2946] (GTX640331) diluted at 1:10000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



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