# ERK1/2 antibody [HL2946]

## Cat. No. GTX640331

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

References ( 2 )

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 4ºC. For long-term storage, aliquot and store at -20ºC 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 |
| **Note** | For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.<br><br>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. |

For full product information, images and publications, please visit our website.

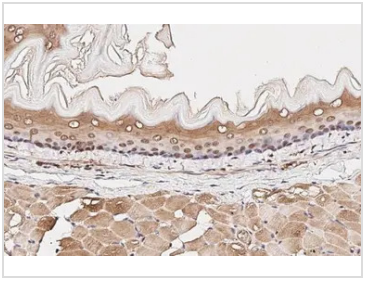


GeneTex, Inc. ( North America )
1-877-436-3839 ( Toll-free ) 1-949-309-2888 sales@genetex.com

GeneTex International Corporation ( Global )
886-3-6208988 886-3-6208989 infoasia@genetex.com

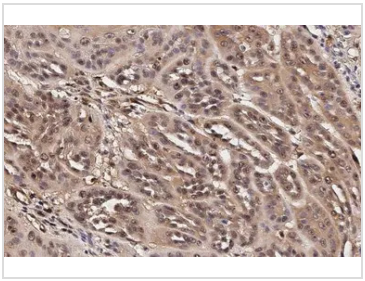
© 2018 GeneTex Inc. All rights reserved.

## DATA IMAGES



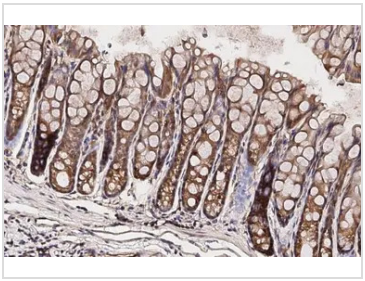
### GTX640331 IHC-P Image

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



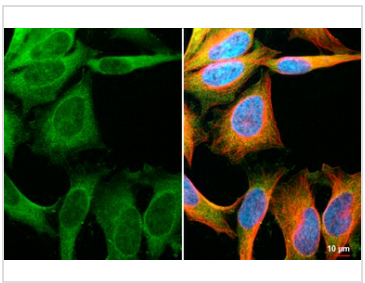
### GTX640331 IHC-P Image

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



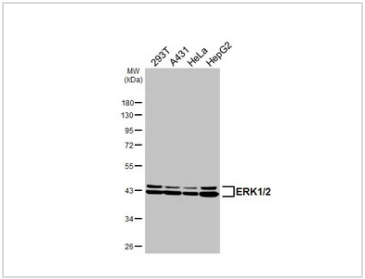
### GTX640331 IHC-P Image

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.



GeneTex, Inc. ( North America )
1-877-436-3839 ( Toll-free ) 1-949-309-2888 sales@genetex.com

GeneTex International Corporation ( Global )
886-3-6208988 886-3-6208989 infoasia@genetex.com

© 2018 GeneTex Inc. All rights reserved.