

## General Information

### Product name:

Anti-ERAS antibody

### Immunogen:

### Applications:

ICC, IHC-P

### Specificity:

Human

### Antibody description:

Mouse monoclonal antibody to ERAS

## Properties

### Preparation:

This antigen of this antibody was recombinant protein.

### Formulation:

Liquid, 1\*PBS (pH7.4), 0.2% BSA, 40% Glycerol.  
Preservative: 0.05% Sodium Azide.

### Storage:

Store at +4°C after thawing. Aliquot store at -20°C. Avoid repeated freeze / thaw cycles.

### Clonality:

Monoclonal

### Ig Type: IgG1

## Applications

ELISA:

WB:

IP:

ICC:1:200

IF:

IHC-P:1:200-1:500

FC:

## Validations

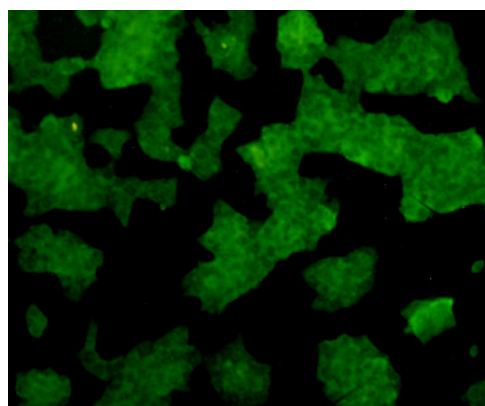


Fig1: ICC staining ERAS in NCCIT cells (green). Formalin fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 10 minutes at room temperature and blocked with 1% Blocker BSA for 15 minutes at room temperature. Cells were probed with ERAS monoclonal antibody at a dilution of 1:200 for 1 hour at room temperature, washed with PBS. Alexa Fluor™ 488 Goat anti-Mouse IgG was used as the secondary antibody at 1/100 dilution.

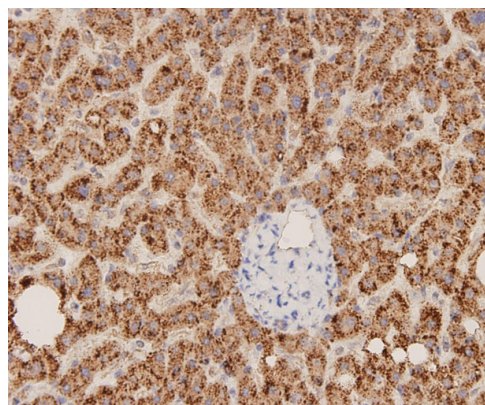


Fig2: Immunohistochemical analysis of paraffin-embedded human liver carcinoma tissue using

anti-ERAS antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 8.0-8.4) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed with ddH<sub>2</sub>O and PBS, and then probed with the antibody at 1/100 dilution, for 30 minutes at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. Counter stained with hematoxylin and mounted with DPX.

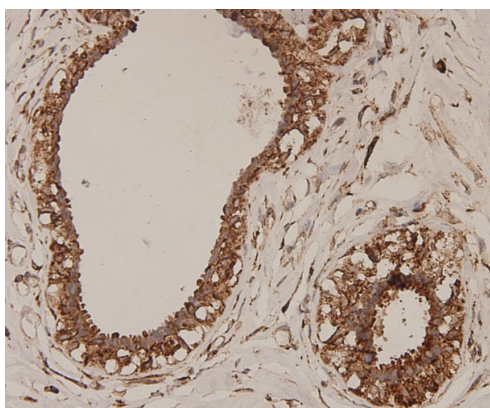


Fig3: Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using anti-ERAS antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 8.0-8.4) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed with ddH<sub>2</sub>O and PBS, and then probed with the antibody at 1/100 dilution, for 30 minutes at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. Counter stained with hematoxylin and mounted with DPX.