

# **EF-2 Monoclonal Antibody**

#### Description

Product type Primary Antibody

Code BT-MCA0462

Host Mouse

Isotype IgG

Size 50ul, 100ul

Immunogen Purified recombinant fragment of human EF-2 expressed in E. Coli.

Mol wt N/A

Species reactivity Human

Clonality Monoclonal

Recommended application WB, IHC-p, IF, ICC, ELISA

Concentration 1 mg/ml

Full name Elongation factor 2

**Synonyms** EEF2; EF2; Elongation factor 2; EF-2

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

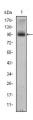
This gene encodes a member of the GTP-binding translation elongation factor family. This protein is an essential factor for protein synthesis. It promotes the GTP-dependent translocation of the nascent protein chain from the A-site to the P-site of the ribosome. This protein is completely inactivated by EF-2 kinase phosporylation.

## Recommended Dilution

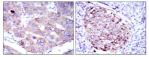
ELISA: 1:10000 IF: 1:200 - 1:1000 IHC: 1:200 - 1:1000 WB: 1:500 - 1:2000

Not yet tested in other applications.

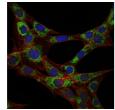
#### Images



Western Blot analysis using EF-2 Monoclonal antibody against HepG2 cell lysate.



Immunohistochemistry analysis of paraffin-embedded liver cancer tissues (left) and kidney cancer tissues (right) with DAB staining using EF-2 Monoclonal antibody.



Immunofluorescence analysis of 3T3-L1 cells using EF-2 Monoclonal antibody (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.

## Storage

-20°C for one year

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China Tel: 86 21 31007137 | E-mail: save@bt-laboratory.com | www.bt-laboratory.com