

## ACE (N-terminus) monoclonal antibody

Catalog: MB0114

Host: Mouse

Reactivity: Human, Mouse

### BackGround:

Angiotensin-converting enzyme (ACE) is a carboxy-terminal dipeptidyl exo-peptidase that converts Angiotensin I to the potent vasopressive hormone, Angiotensin II. There are two isoforms of ACE, the pulmonary ACEP and the testicular ACET. ACEP is a glycoprotein expressed in vascular endothelial cells of the lung, liver, adrenal cortex, pancreas, kidney and spleen. The ACET isoform is expressed exclusively in adult testis by developing sperm cells, specifically, late pachytene spermatocytes. Additionally, ACE inactivates bradykinin, a vaso-depressor peptide, and is involved in fluid/electrolyte homeostasis.

### Product:

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

Predicted band size: 150KDa

Observed band size: 195KDa

### Swiss-Prot:

P12821

### Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immuno-

gen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB: 1:1000

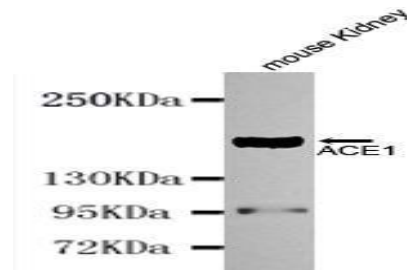
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

ACE (N-terminus) mAb detects endogenous levels of Angiotensin-converting enzyme protein.

### DATA:



Western blot detection of ACE (N-terminus) antibody in Mouse kidney cell lysates using ACE (N-terminus) antibody (1:1000 diluted).

### Note:

For research use only, not for use in diagnostic procedure.

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