

ACE Monoclonal antibody

Catalog Number: 60279-1-Ig

Basic Information

Catalog Number:

60279-1-Ig

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG20654

GenBank Accession Number:

BC036375

GeneID (NCBI):

1636

UNIPROT ID:

P12821

Full Name:

angiotensin I converting enzyme
(peptidyl-dipeptidase A) 1

Calculated MW:

150 kDa

Purification Method:

Protein G purification

CloneNo.:

1C6C3

Applications

Tested Applications:

ELISA

Species Specificity:

human

Background Information

ACE(Angiotensin-converting enzyme) is also named as DCP, DCP1 and belongs to the peptidase M2 family. It is involved in catalyzing the conversion of angiotensin I into a physiologically active peptide angiotensin II. ACE also has a glycosidase activity which releases GPI-anchored proteins from the membrane by cleaving the mannose linkage in the GPI moiety. It has 4 isoforms produced by alternative splicing. The full length protein has 15 glycosylation sites and it can show a molecular weight of 170 kDa(PMID:16804085).

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

