

For Research Use Only

ACE Monoclonal antibody

Catalog Number: 60279-1-Ig



Basic Information

Catalog Number: 60279-1-Ig	GenBank Accession Number: BC036375	Purification Method: Protein G purification
Size: 150ul , Concentration: 1000 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 1636	CloneNo.: 1C6C3
Source: Mouse	UNIPROT ID: P12821	
Isotype: IgG1	Full Name: angiotensin I converting enzyme (peptidyl-dipeptidase A) 1	
Immunogen Catalog Number: AG20654	Calculated MW: 150 kDa	

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

***** 20ul sizes contain 0.1% BSA**

For technical support and original validation data for this product please contact:
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Selected Validation Data