

Rabbit anti-Human, Mouse ACE Monoclonal Antibody | anti-ACE antibody

ACE Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312533	Rabbit	Human, Mouse	Flow Cytometry, Functional Assay, Immunohistochemistry, Western Blot

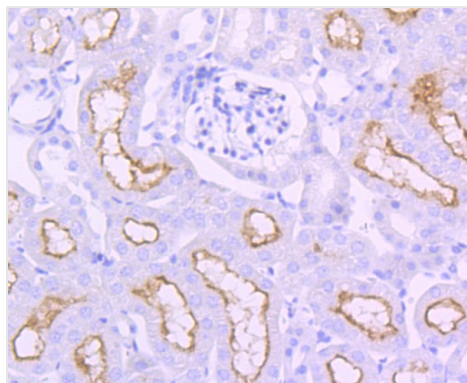
PRODUCT SYNONYMS

ACE; Monoclonal Antibody; ACE Antibody; ACE 1 antibody; ACE antibody; ACE T antibody; ACE_HUMAN antibody; ACE1 antibody; Angiotensin converting enzyme somatic isoform antibody; Angiotensin converting enzyme testis specific isoform antibody; Angiotensin I converting enzyme 1 antibody; Angiotensin I converting enzyme antibody; Angiotensin I converting enzyme peptidyl dipeptidase A 1 antibody; angiotensin I converting enzyme peptidyl-dipeptidase A 1 transcript antibody; Angiotensin-converting enzyme antibody; Carboxycathepsin antibody; CD 143 antibody; CD143 antibody; CD143 antigen antibody; DCP 1 antibody; DCP antibody; DCP1 antibody; Dipeptidyl carboxypeptidase 1 antibody; Dipeptidyl carboxypeptidase I antibody; Kininase II antibody; MGC26566 antibody; MVCD3 antibody; Peptidase P antibody; Peptidyl dipeptidase A antibody; soluble form antibody; Testicular ECA antibody; anti-ACE antibody

PRODUCT SPECIFICATIONS

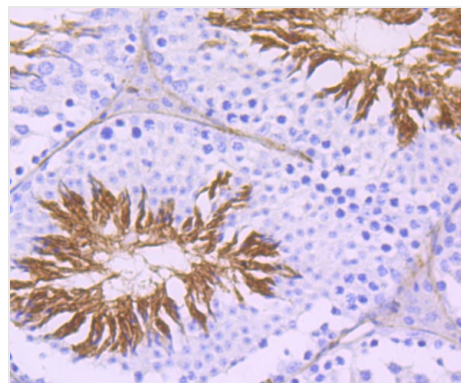
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Monoclonal
Clone Number	JM59-32
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-ACE antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



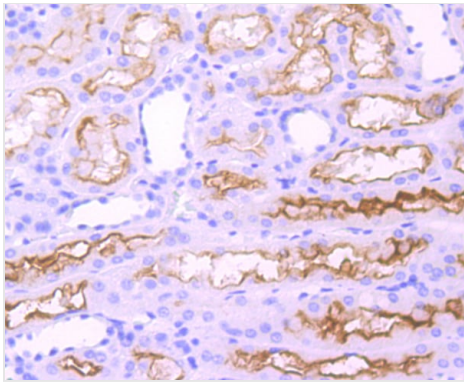
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded mouse kidney tissue using anti-ACE antibody. Counter stained with hematoxylin.



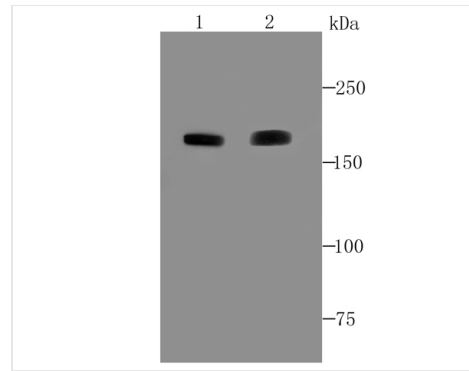
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded mouse testis tissue using anti-ACE antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti-ACE antibody. Counter stained with hematoxylin.



WB (Western Blot)

Western blot analysis of ACE on human lung (1) and mouse kidney (2) cell lysate using anti-ACE antibody at 1/1,000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-ACE antibody

Angiotensin-converting enzyme (ACE) is a carboxy-terminal dipeptidyl exo-peptidase that converts Angiotensin I to the potent vasopressor 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 vasodepressor peptide, and is involved in fluid/electrolyte homeostasis. Although it bears significant sequence homology to ACE, ACE2 shows a more restricted pattern of expression. ACE is expressed ubiquitously throughout the vasculature while ACE2 is expressed only in cardiac, renal and testicular cells.

Product Categories/Family for anti-ACE antibody

Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	76057114
NCBI GeneID	1636
UniProt Accession #	P12821; P22966; Q53YX9; Q59GY8; Q7M4L4; B0LPF0; B4DXI3; E7EU16
Molecular Weight	149,715 Da
NCBI Official Full Name	angiotensin I converting enzyme
NCBI Official Synonym Full Names	angiotensin I converting enzyme
NCBI Official Symbol	ACE
NCBI Official Synonym Symbols	DCP; ICH; ACE1; DCP1; CD143; MVCD3
NCBI Protein Information	angiotensin-converting enzyme; kininase II; peptidase P; CD143 antigen; testicular ECA; carboxycathepsin; dipeptidyl carboxypeptidase 1; dipeptidyl carboxypeptidase I; angiotensin converting enzyme, somatic isoform; angiotensin I converting enzyme (peptid)
UniProt Protein Name	Angiotensin-converting enzyme
UniProt Gene Name	ACE
UniProt Synonym Gene Names	DCP; DCP1; ACE
UniProt Entry Name	ACE_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.