Recombinant ACE2 Monoclonal Antibody

catalog number: **AN300026P**

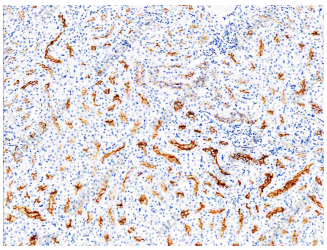
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

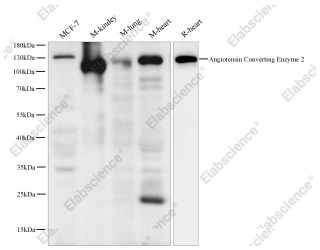
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant Human ACE2 Protein
Host	Rabbit
Isotype	Rabbit IgG
Clone	C120023
Purification	Protein A
Buffer	0.2 μm filtered solution in PBS

Applications	Recommended Dilution
WB:	1:1000-1:5000；IHC-P: 1:5000-1:20000；IP: 1:10-1:100

Data



Immunohistochemical analysis of paraffin-embedded Mouse kidney tissue sections using ACE2 Antibody (AN300026P) at a dilution of 1:7500 (10× lens). Heat mediated antigen retrieval was performed with Tris-EDTA buffer (pH 9.0) for 20 min prior to IHC staining.



Western blot analysis of MCF-7,Mouse kindey,Mouse lung,Mouse heart and Rat heart cell lysates using ACE2 Antibody (AN300026P) at a dilution of 1:1500.
Observed-MW:120-135 kDa
Calculated-MW:93 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

The protein encoded by this gene belongs to the angiotensin-converting enzyme family of dipeptidyl carboxydipeptidases and has considerable homology to human angiotensin 1 converting enzyme. This secreted protein catalyzes the cleavage of angiotensin I into angiotensin 1-9, and angiotensin II into the vasodilator angiotensin 1-7. The organ- and cell-specific expression of this gene suggests that it may play a role in the regulation of cardiovascular and renal function, as well as fertility. In addition, the encoded protein is a functional receptor for the spike glycoprotein of the human coronaviruses SARS and HCoV-NL63. [provided by RefSeq, Jul 2008]

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