

Datasheet

ACE2 monoclonal antibody, clone CL4013

Catalog Number: MAB15701

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against partial recombinant human ACE2.

Clone Name: CL4013

Immunogen: Recombinant protein corresponding to human ACE2.

Sequence:

MSSSSWLLLSLVAVTAAQSTIEEQAKTFLDKFNHEAED
LFYQSSLASWNYNTNITEENVQNMNAGDKWSAFLK
EQSTLAQMYPLQEIQNLTVKLQLQALQQNGSSVLS

Host: Mouse

Epitope: This antibody binds to an epitope located within the peptide sequence AEDLFYQSSL as determined by overlapping synthetic peptides.

Reactivity: Human

Applications: IHC-P, WB-Ti

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Liquid

Purification: Protein A purification

Isotype: IgG1

Recommend Usage: Immunohistochemistry

(Formalin/PFA-fixed paraffin-embedded sections)
(1:10000-1:20000)

Western Blot (1:500-1:1000)

The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS, pH 7.2 (40% glycerol, 0.02%

sodium azide).

Storage Instruction: Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 59272

Gene Symbol: ACE2

Gene Alias: ACEH, DKFZp434A014

Gene Summary: 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]