

A21916

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## [KO Validated] ACE2 Rabbit mAb

Catalog No.: A21916

**KO** Validated

Recombinant

### Basic Information

#### Observed MW

Refer to figures

#### Calculated MW

92kDa

#### Category

SMab Recombinant Monoclonal Antibody

#### Applications

WB, ELISA

#### Cross-Reactivity

Human

### Background

The protein encoded by this gene belongs to the angiotensin-converting enzyme family of dipeptidyl carboxypeptidases 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. ACE2 is known to be expressed in various human organs, and its organ- and cell-specific expression 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 coronavirus HCoV-NL63 and the human severe acute respiratory syndrome coronaviruses, SARS-CoV and SARS-CoV-2, the latter is the causative agent of coronavirus disease-2019 (COVID-19). Multiple splice variants have been found for this gene and the dACE2 (or MIRb-ACE2) splice variant has been found to be interferon inducible.

### Recommended Dilutions

WB 1:500 - 1:2000

### Immunogen Information

#### Gene ID

59272

#### Swiss Prot

Q9BYF1

#### Immunogen

Recombinant protein of human ACE2.

#### Synonyms

ACEH; E2

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Product Information

#### Source

Rabbit

#### Isotype

IgG

#### Purification

Affinity purification

#### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH 7.3.