

DATA SHEET

Product Name: Anti-ACE2 Antibody

Catalog #: CV-2017

Alt: Angiotensin-converting enzyme 2; ACE-related carboxypeptidase; Angiotensin-converting enzyme homolog; ACEH; Metalloprotease MPROT15

Antibody Type: Polyclonal

Host/Isotype: Rabbit / IgG

Immunogen: Human Angiotensin-converting enzyme 2 protein

Reactivity Species: Human

Supplied As: Liquid In 0.01 M PBS, pH 7.4, 50% Glycerol, 0.03% proclin 300

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

Description:

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 coronavirus HCoV-NL63 and the human severe acute respiratory syndrome coronaviruses, SARS-CoV and SARS-CoV-2 (COVID-19 virus)

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