

ACE2 monoclonal antibody, clone AC18F (Biotin)

Catalog # MAB22370 Size 50 ug

Specification

Product Description Mouse monoclonal antibody raised against recombinant human ACE2.

Immunogen Recombinant protein corresponding to human ACE2.

Host Mouse

Reactivity Human

Specificity This antibody recognizes human ACE2.

Form Liquid

Conjugation Biotin

Isotype IgG1, kappa

Storage Buffer In PBS, pH 7.4.

Storage Instruction Store at -20°C is stable for one year.

Applications

- Western Blot

Gene Info — ACE2

Entrez GeneID [59272](#)

Protein Accession# [11225609](#)

Gene Name ACE2

Gene Alias ACEH, DKFZp434A014

Gene Description	angiotensin I converting enzyme (peptidyl-dipeptidase A) 2
Omim ID	300335
Gene Ontology	Hyperlink
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]
Other Designations	ACE-related carboxypeptidase OTTHUMP00000022963 angiotensin I converting enzyme 2 angiotensin converting enzyme-like protein

Pathway

- [Renin-angiotensin system](#)

Disease

- [Arrhythmias](#)
- [Atrial Fibrillation](#)
- [Cardiomyopathy](#)
- [Cardiovascular Diseases](#)
- [Coronary Disease](#)
- [Death](#)
- [Diabetes Mellitus](#)
- [Diabetic Nephropathies](#)
- [Disease Progression](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)

- [Hypertrophy](#)
- [Hypotension](#)
- [Intracranial Aneurysm](#)
- [Malaria](#)
- [Metabolic Syndrome X](#)
- [Sarcoidosis](#)