

ACE2 monoclonal antibody, clone AC384

Catalog # MAB16029 Size 100 ug

Specification

Product Description Mouse monoclonal antibody raised against recombinant human ACE2.

Immunogen Recombinant protein corresponding to human ACE2.

Host Mouse

Reactivity Human

Form Liquid

Isotype IgG1, kappa

Recommend Usage ELISA (1:2000-10000)
Western Blot (1:2000-10000)
The optimal working dilution should be determined by the end user.

Storage Buffer In PBS, pH 7.4.

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

Applications

- Western Blot
- Enzyme-linked Immunoabsorbent Assay

Gene Info — ACE2

Entrez GeneID [59272](#)

Protein Accession# [Q9BYF1](#)

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 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. 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](#)