9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

35-1878-AF488: ACE2 Antibody (Alexa Fluor 488 Conjugated)

Clonality :	Monoclonal
Clone Name :	SN0754
Application :	FACS
Reactivity :	Rat,Mouse,Human
Gene :	ACE2
Gene ID :	59272
Uniprot ID :	Q9BYF1
Alternative Name :	ACE 2 antibody, ACE related carboxypeptidase antibody, ACE-related carboxypeptidase antibody, ACE2 antibody, ACE2_HUMAN antibody, ACEH antibody
Isotype :	Rabbit IgG
Immunogen Information :	Recombinant protein.

Description

Angiotensin-converting enzyme (ACE) is a carboxyl-terminal dipeptidyl exopeptidase that converts angiotensin I to the potent vasopressive hormone, angiotensin II. There are two isoforms of ACE, the pulmonary ACEP and the testicular ACET. ACEP is a glycoprotein expressed in vascular endothelial cells of the lung, liver, adrenal cortex, pancreas, kidney and spleen. The ACET isoform is expressed exclusively in adult testis by developing sperm cells, specifically late pachytene spermatocytes. Additionally, ACE inactivates bradykinin, a vasodepressor peptide, and is involved in blood pressure regulation and fluid/electrolyte homeostasis. ACE2 is the first known human homolog of ACE. Unlike ACE, which is expressed ubiquitously throughout the vasculature, ACE2 is expressed only in cardiac, renal and testicular cells.

Product Info

Amount :	100 µl
Content :	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage condition :	Store at 4˚C in dark for 6 months

For Research Use Only. Not for use in diagnostic/therapeutics procedures.