

Product datasheet for **TA600564**

ACE2 Mouse Monoclonal Capture Antibody [Clone ID: OTI4C5] (Angiotensin Converting Enzyme 2)

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI4C5
Applications:	ELISA
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment of human ACE2 (NP_068576) produced in E.coli.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	0.5mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Predicted Protein Size:	92.5 kDa
Gene Name:	angiotensin converting enzyme 2
Database Link:	NP_068576 Entrez Gene 59272 Human Q9BYF1
Background:	Angiotensin I-converting enzyme 2 (ACE2) is a protein that 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, ACE2 is a functional receptor for the spike glycoprotein of the human coronaviruses HCoV-NL63 and the human severe acute respiratory syndrome coronaviruses, SARS-CoV and SARS-CoV-2.
Synonyms:	ACEH



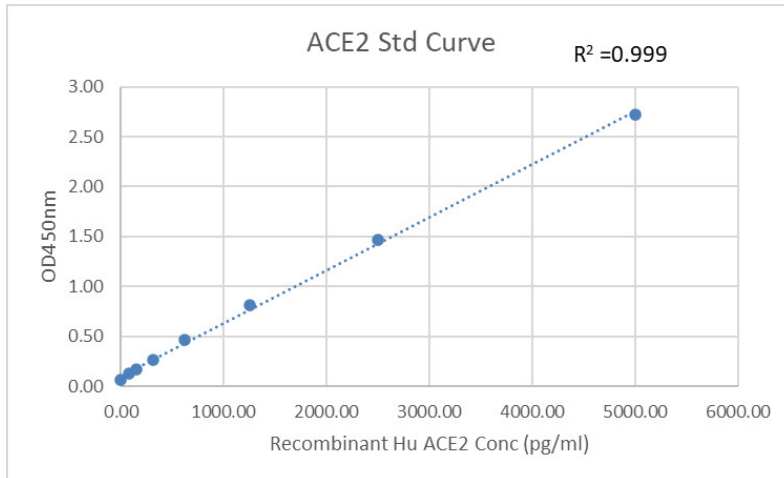
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Matched ELISA Pair: TA700564

Protein Families: Druggable Genome, Secreted Protein, Transmembrane

Protein Pathways: Renin-angiotensin system

Product images:



ACE2 ELISA with 4C5 Capture (TA600564) and 1G4 Detection ([TA700564]) Antibodies. Standard protein used: Recombinant Human ACE2 (HEK293T expressed protein Cat# [TP701115])