



# ACE2 Antibody [AC384]

Cat. No.: 36-038



## Ψ Specifications

<b>HOST SPECIES:</b>	Mouse
<b>SPECIES REACTIVITY:</b>	Human
<b>IMMUNOGEN:</b>	Recombinant human ACE2.
<b>TESTED APPLICATIONS:</b>	ELISA, WB
<b>APPLICATIONS:</b>	ELISA: (direct or indirect: 1:2,000-1:10,000). Western blot: (1:2,000-1:10,000 using ECL. Suggested blocking and dilution buffer is PBST with 0.05% Tween 20 and 5% skim milk. Suggested incubation time is 1 hour at room temperature). Optimal conditions should be determined individually for each application.
<b>SPECIFICITY:</b>	Recognizes human ACE2.

## Ψ Properties

<b>CLONALITY:</b>	Monoclonal
<b>ISOTYPE:</b>	IgG1, kappa
<b>CONJUGATE:</b>	Unconjugated
<b>PHYSICAL STATE:</b>	Liquid
<b>BUFFER:</b>	Liquid. 0.2um-filtered solution in PBS, pH 7.4. Contains no preservatives.

<b>CONCENTRATION:</b>	1 mg/ml
<b>STORAGE CONDITIONS:</b>	Stable for at least 1 year after receipt when stored at -20 °C.

## Additional Info

<b>OFFICIAL SYMBOL:</b>	ACE2
<b>ALTERNATE NAMES:</b>	SARS Receptor; Angiotensin-converting Enzyme 2; ACEH
<b>ACCESSION NO.:</b>	11225609
<b>PROTEIN GI NO.:</b>	NP_068576
<b>GENE ID:</b>	59272
<b>USER NOTE:</b>	Optimal dilutions for each application to be determined by the researcher.

## Background and References

<b>BACKGROUND:</b>	ACE2 has direct effects on cardiac functions. It is expressed predominantly in vascular endothelial cells of the heart and kidney. ACE2 converts angiotensin I to angiotensin 1-9. ACE2 was also identified as a functional receptor for SARS coronavirus.
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