



ACE2 Antibody [AC18F]

Cat. No.: 36-031



Ψ Specifications

HOST SPECIES:	Mouse
SPECIES REACTIVITY:	Human
IMMUNOGEN:	Recombinant human ACE2.
TESTED APPLICATIONS:	ELISA, Flow, WB
APPLICATIONS:	ELISA: (direct or indirect: 1:2,000-1:10,000). Flow Cytometry: (1:1,000). 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.
SPECIFICITY:	Recognizes human ACE2.

Ψ Properties

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

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

Additional Info

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

Background and References

BACKGROUND:	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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