



ACE2 Antibody [AC18F]

Cat. No.: 36-031



Ψ Specifications

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| 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

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

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

Additional Info

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| 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

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| 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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