

Datasheet

Anti-ACE2 (Human) Monoclonal Antibody [Clone AC384]

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|---------------------|---|---------------|
| Product Name | Anti-ACE2 Monoclonal Antibody [Clone AC384] | |
| Catalogue Number | BSV-COV-AB-24 | BSV-COV-AB-25 |
| Pack Size | 50 µg | 100 µg |
| Concentration | 1 mg/ml | |
| Clone, Isotype | Monoclonal AC384, Mouse IgG1κ | |
| Format | IgG | |
| Tested Applications | ELISA, Western Blot | |

Description:

Anti-ACE2 (Human) monoclonal antibody purified by Protein G. Optimal dilutions/concentrations should be determined by the researcher, individually for each application.

Product Details:

Specificity: Recognizes human ACE2.

Formulation: Liquid. 0.2 µl- filtered solution in PBS, pH 7.4.

Isotype: Mouse IgG1κ

Immunogen: The immunogen used to generate this antibody corresponds to recombinant human ACE2 Protein.

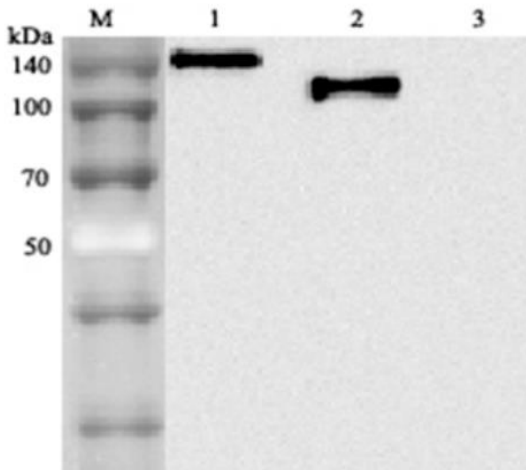
Buffer: PBS

Storage: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage, store at +4°C. For long-term storage, store at -20°C. After opening, prepare aliquots and store at -20°C. Avoid freeze/ thaw cycles.

Regulatory/ Restrictions: For laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals.

| Applications | Suggested Dilution |
|--------------|--------------------|
| ELISA | 1:2000-1:10000 |
| Western Blot | 1:2000-1:10000 |

Applications



Clone AC384 analysis using anti-ACE2 (human), mAb (AC384) by **Western Blot**.

Western Blot of ACE2 monoclonal antibody (BSV-COV-AB-24, BSV-COV-AB-25) at 1:2000 dilution. Lane 1: hACE2 (Fc protein), Lane 2: hACE2 (Ecto domain)
Lane 3: Other hGITR (Fc protein), acts as control.

Dilution used: 1:2000

References:

1. Development of an enzymatic assay for the detection of neutralizing antibodies against therapeutic angiotensin converting enzyme 2 (ACE2): K. Liao, et al.; J. Immunol. Meth. 389, 52 (2013)
2. Role of angiotensin-converting enzyme 2 (ACE2) in diabetic cardiovascular complications: VB. Patel, et al.; Clin. Sci. 126, 471 (2014).