

## Datasheet

Anti-ACE2 (Human) Monoclonal Antibody [Clone AC18F] (ATTO 488)

Product Name	Anti-ACE2 Monoclonal Antibody [Clone AC18F]
Catalogue Number	BSV-COV-AB-22
Pack Size	100 tests
Concentration	1 mg/ml
Clone, Isotype	Monoclonal AC18F, Mouse IgG1κ
Format	IgG
Tested Applications	FC

### 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. Does not detect recombinant human ACE2 that has a tag at the C-terminus of the protein, due to the recognized C-terminal epitope.

**Formulation:** Liquid. In PBS.

**Isotype:** Mouse IgG1κ

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

**Labels/ Conjugates:** ATTO 488

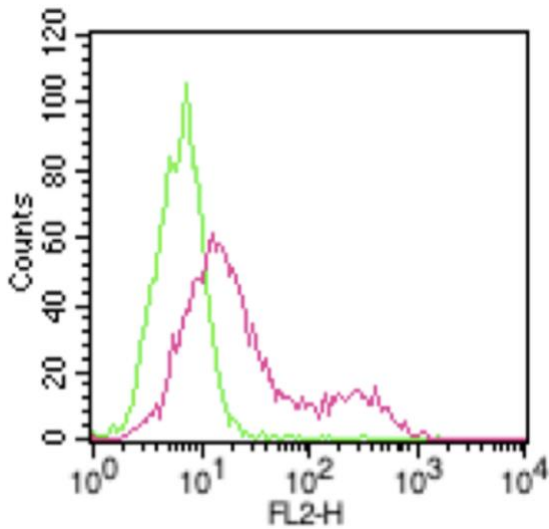
**Buffer:** PBS

**Storage:** Store as concentrated solution. Centrifuge briefly prior to opening vial. For both short-term and long-term storage, store at +4°C. Do not freeze. Protect from light. Keep conjugated formats at +4°C. Stable for at least 1 year after receipt when stored at +4°C.

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

Applications	Suggested Dilution
Flow cytometry	1:1000

### Applications



Clone AC18F used to detect endogenous human ACE2 by anti-ACE2 (h) by **Flow Cytometry**.

The line is treated with CellTase solution (Abeomics) before analysis and then stained with antiACE2 (h), mAb Clone AC18F (ATTO 488) (BSV-COV-AB-22) (red line) or an isotype control, mouse IgG1 (ATTO 488) (green line) at 1µg/10E6 cells each.

**References:**

1. Co-localization of angiotensin-converting enzyme 2-, octomer-4- and CD34 positive cells in rabbit atherosclerotic plaques: A. Zulli, et al.; *Exp. Physiol.* 93, 564 (2008)
2. Role of angiotensin-converting enzyme 2 (ACE2) in diabetic cardiovascular complications: VB. Patel, et al.; *Clin. Sci.* 126, 471 (2014).