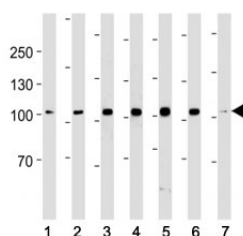


## ACE2 Antibody [clone 881CT16.4.4] (F52229)

| Catalog No.   | Formulation                                | Size    |
|---------------|--------------------------------------------|---------|
| F52229-0.4ML  | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.4 ml  |
| F52229-0.08ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.08 ml |

[Bulk quote request](#)

|                           |                                                        |
|---------------------------|--------------------------------------------------------|
| <b>Availability</b>       | 1-3 business days                                      |
| <b>Species Reactivity</b> | Human, Mouse                                           |
| <b>Format</b>             | Purified                                               |
| <b>Host</b>               | Mouse                                                  |
| <b>Clonality</b>          | Monoclonal (mouse origin)                              |
| <b>Isotype</b>            | Mouse IgM, k                                           |
| <b>Clone Name</b>         | 881CT16.4.4                                            |
| <b>Purity</b>             | Purified                                               |
| <b>UniProt</b>            | Q9BYF1                                                 |
| <b>Applications</b>       | Western Blot : 1:1000                                  |
| <b>Limitations</b>        | This ACE2 antibody is available for research use only. |



ACE2 antibody western blot analysis in (1) 293, (2) K562, (3) MCF-7, (4) SK-BR-3, (5) T47D, (6) MDA-MB-453 cell line and (7) mouse testis tissue lysate. Predicted molecular weight: 90-100 kDa.

## Description

Carboxypeptidase which converts angiotensin I to angiotensin 1-9, a peptide of unknown function, and angiotensin II to angiotensin 1-7, a vasodilator. Also able to hydrolyze apelin-13 and dynorphin-13 with high efficiency. May be an important regulator of heart function. In case of human coronaviruses SARS and HCoV-NL63 infections, serve as functional receptor for the spike glycoprotein of both coronaviruses.

## Application Notes

Titration of the ACE2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

Purified His-tagged protein was used to produced this monoclonal ACE2 antibody.

## Storage

Aliquot the ACE2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.