

## Product Datasheet

### Anti-Angiotensin Converting Enzyme 2 (ACE2) (orb1148962)

**Description**

Anti-Angiotensin Converting Enzyme

|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Species/Host</b>        | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Reactivity</b>          | Human, Mouse, Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Conjugation</b>         | Unconjugated                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Tested Applications</b> | IHC, WB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Immunogen</b>           | Recombinant human ACE2 produced in a mammalian expression system.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Target</b>              | Angiotensin Converting Enzyme 2 (ACE2)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Preservatives</b>       | 0.05% Sodium Azide. TBS, pH 7.4, 1% rAlbumin, 40% glycerol, 0.05% sodium azide.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Form/Appearance</b>     | Liquid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Storage</b>             | These antibodies are stable for at least one (1) year at -20C to -70C. Store product in appropriate aliquots to avoid multiple freeze-thaw cycles.                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Note</b>                | For research use only                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Clonality</b>           | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Purity</b>              | Purified                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Uniprot ID</b>          | <b>Q9BYF1</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Entrez</b>              | <b>300335</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Dilution Range</b>      | Immunoblotting: use at dilutions of 1:1,000-1:5,000. A band of ~92kDa is detected. Detection of ACE2 in human kidney lysate with #19502 diluted 1:1,000. IHC: use at dilutions of 1:50-1:200. Detection of ACE2 in paraffin-embedded human kidney. Detection of ACE2 in paraffin-embedded human breast carcinoma. Detection of ACE2 in paraffin-embedded mouse kidney. ICC: use at dilutions of 1:100-1:500. Detection of ACE2 in MCF-7 cells (green) after paraformaldehyde fixation and permeabilization with 0.25% Triton X100 in PBS. Detection of ACE2 in HepG2 cells (green) after paraformaldehyde fixation and |

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**Expiration Date**

12 months from date of receipt.