SICGEN ANTIBODIES

# Product Data Sheet

| Catalogue No. | Qty: |
|---|---|
| AB0411-100 | 300 µg |

## Anti-Membrane Protein (SARS-CoV-2)

**Source:** Goat

**General description:** Membrane protein (E) is one of the structural proteins of the virus. This glycoprotein that is the most abundant protein in the coronavirus envelope might act as a scaffold for the co-assembly of the complex of structural and accessory proteins that form the viral envelope.

**Alternative names:** ORF5, M SARS Coronavirus-2 antibody.

**Form:** ?Polyclonal antibody supplied as a 100 µl (3 mg/ml) aliquot in PBS, 20% glycerol and 0.05% sodium azide. This antibody is epitope-affinity purified from goat antiserum.

**Immunogen:** Affinity purified recombinant fusion protein using the internal sequence of Membrane protein (residues 150 to 215) and produced in E. coli.

**Specificity:** In lysates of transfected cells with the plasmid containing the sequence used, detects the fusion protein by Western blot.

**Reactivity:** Reacts with Transfected cells proteins

| Sample | WB | IHC (F) | IHC (P) | IF | ELISA |
|---|---|---|---|---|---|
| Transfected cells | +++ | ND | ND | ND | ND |

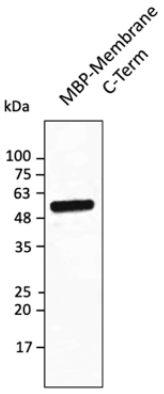
+++ excellent, ++ good, + poor, ND not determined

**Usage:**

WB: 1:500-1:2,000

**Storage:** For continuous use, store at 2-8 C for one-two days. For extended storage, store in -20 C freezer. Working dilution samples should be discarded if not used within 12 hours.

**Special instructions:** The antibody solution should be gently mixed before use..




Anti-Membrane protein Ab at 1/2,500 dilution; lane with 30 ng of recombinant fusion protein (149-215 aa); rabbit polyclonal to goat IgG (HRP) at1/10,000 dilution;

For research use only, not for diagnostic use

**SICGEN's Proprietary Immunogen Policy**

In order to produce high specific antibodies SICGEN has invested a lot of time and effort into selecting immunogen sequences. SICGEN has decided to protect this information by not publishing it on the website. However, these sequences are available on request.