



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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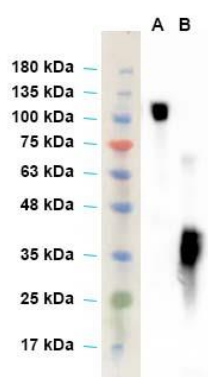
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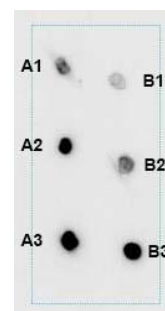
## Anti-S1 (MERS-CoV) Rabbit Polyclonal Antiserum

CATALOG NUMBER: MERS-S1-020, 100 µl

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Introduction</b> | The Middle East respiratory syndrome coronavirus (MERS-CoV) is a novel positive-sense, single-stranded RNA virus of the genus Betacoronavirus which is distinct from SARS coronavirus and the common-cold coronavirus. Proteins that contribute to the overall structure of all coronaviruses are the spike (S), envelope (E), membrane (M) and nucleocapsid (N). The S glycoprotein consists of a globular S1 domain at the N-terminal region, followed by membrane-proximal S2 domain, a transmembrane domain and an intracellular domain |
| <b>Applications</b> | WB, ELISA, etc                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Description</b>  | Anti-S1 (MERS-CoV) rabbit polyclonal antibody                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Immunogen</b>    | Full length recombinant spike (S1) protein (aa 1-725) of MERS-CoV (GenBank accession# AFS88936.1)                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Specificity</b>  | React with spike protein of (MERS-CoV) only as tested                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Storage</b>      | Store at -20 °C; Stable for at least 1 month from the date of shipment at 4 °C.                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Contents</b>     | 100 µl rabbit anti-S1 serum with 0.1% sodium azide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Usage</b>        | This product does not contain livestock or poultry disease agents, non-toxic/non contagious and is not intended for human use, only for laboratory research and development.                                                                                                                                                                                                                                                                                                                                                                |



**Figure 1.** Western blot analysis of anti-S1 (MERS-CoV) rabbit polyclonal antibody (Cat# MERS-S1-020). A, full length S1 (MERS-CoV) protein; B, receptor binding domain of S1 (MERS-CoV) protein.



**Figure 2.** Dot blot analysis of anti-S1 (MERS-CoV) rabbit polyclonal antibody (Cat# MERS-S1-020). A1 (6 ng), A2 (12 ng), and A3 (50 ng), full length S1 (MERS-CoV) protein; B1 (6 ng), B2 (12 ng), and B3 (50 ng), receptor binding domain (MERS-CoV) of S1 protein.