



# Mouse Anti-Coronavirus OC-43 Nucleoprotein Monoclonal antibody, clone 6538E (CABT- CS025)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

|                           |                                                                                                  |
|---------------------------|--------------------------------------------------------------------------------------------------|
| <b>Specificity</b>        | Coronavirus nucleoprotein; Strain OC-43                                                          |
| <b>Target</b>             | Coronavirus nucleoprotein                                                                        |
| <b>Immunogen</b>          | Epitope: nucleoprotein of OC-43 strain                                                           |
| <b>Isotype</b>            | IgG                                                                                              |
| <b>Source/Host</b>        | Mouse                                                                                            |
| <b>Species Reactivity</b> | HCoV OC43                                                                                        |
| <b>Clone</b>              | 6538E                                                                                            |
| <b>Conjugate</b>          | unconjugated                                                                                     |
| <b>Applications</b>       | IF                                                                                               |
| <b>Format</b>             | Liquid                                                                                           |
| <b>Size</b>               | 100 µg                                                                                           |
| <b>Buffer</b>             | Purified ascites. Supplied in PBS buffer pH 7.4. Contains 0.1% sodium azide and carrier protein. |
| <b>Preservative</b>       | 0.1% sodium azide                                                                                |
| <b>Storage</b>            | Maintain at +4°C for up to 12 months. Avoid repeated freeze/thaw cycles.                         |

# BACKGROUND

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| Introduction | Coronaviruses are viruses in the subfamily Orthocoronavirinae in the family Coronaviridae, in the order Nidovirales. Coronaviruses are enveloped viruses with a positive-sense single-stranded RNA genome and with a nucleocapsid of helical symmetry. The genomic size of coronaviruses ranges from approximately 26 to 32 kilobases, the largest for an RNA virus. |
| Keywords     | Coronavirus nucleoprotein; CoV; Coronavirus; OC-43; CoV OC-43                                                                                                                                                                                                                                                                                                        |