## GENERAL INFORMATION

**Immunogen:** Recombinant MERS-CoV (NCoV / Novel coronavirus) Spike Protein S2 (aa 726-1296) (Catalog#40070-V08B)

**Preparation:**
This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with purified, recombinant MERS-CoV (NCoV / Novel coronavirus) Spike Protein S2 (Catalog#40070-V08B; AFS88936.1; Asp726-Pro1296). The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography.

**Ig Type:** Mouse IgG1

**Clone ID:** 02

**Specificity:** The antibody reacts with S2 subunit of MERS-CoV (NCoV / Novel coronavirus) Spike protein (S protein) and full-length S protein.

**Formulation:** 0.2 μm filtered solution in PBS

**Storage:** This antibody can be stored at 2℃-8℃ for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20℃ to -80℃. Preservative-Free. Sodium azide is recommended to avoid contamination (final concentration 0.05%-0.1%). It is toxic to cells and should be disposed of properly. Avoid repeated freeze-thaw cycles.

## APPLICATIONS

**Applications:** ELISA, IHC-P, FCM, ICC/IF, IF, IP

(Antibody’s applications have not been validated with corresponding viruses. Optimal concentrations/dilutions should be determined by the end user.)

## RECOMMENDED CONCENTRATION

**ELISA:**
ELISA: 1:1000-1:2000
This antibody can be used at 1:1000-1:2000 with the appropriate secondary reagents to detect MERS-CoV (NCoV / Novel coronavirus) Spike Protein S2.

*Please Note: Optimal concentrations/dilutions should be determined by the end user.*