# GENERAL INFORMATION

**Immunogen:** Recombinant MERS-CoV (NCoV / Novel coronavirus) Spike glycoprotein Protein (Catalog#40070-V08B)

**Preparation:** Produced in rabbits immunized with purified, recombinant MERS-CoV (NCoV / Novel coronavirus) Spike Protein S2 (Catalog#40070-V08B; AFS88936.1; Asp726-Pro1296), and purified by antigen affinity chromatography.

**Ig Type:** Rabbit IgG

**Specificity:** MERS-CoV (NCoV / Novel coronavirus) Spike Protein S2

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

**Storage:**
- This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. 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:** WB, ELISA, IHC-P, IP

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

# RECOMMENDED CONCENTRATION

**Western Blot**
- WB: 1:1000-1:5000

**ELISA**
- ELISA: 1:5000-1:10000

This antibody can be used at 1:5000-1:10000 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.*
Anti-Novel coronavirus (HCoV-EMC/2012) Spike Protein S2 (aa 726-1296) rabbit polyclonal antibody at 1:1000 dilution
Sample: Novel coronavirus (HCoV-EMC/2012) Spike protein (ECD, aa 1-1297)
Lane A: 5ng
Lane B: 1ng
Lane C: 0.5ng

Sample: Novel coronavirus (HCoV-EMC/2012) Spike Protein S2 (aa 726-1296)
Lane D: 10ng
Lane E: 5ng
Lane F: 2ng

Secondary
Goat anti Rabbit IgG (H+L)/HRP at 0.4ug/ml.

Performed under reducing conditions.