# Anti-EBOV-G / Glycoprotein antibody

Catalog Number: 100982



#### Product name

Anti-EBOV-G / Glycoprotein antibody

### Immunogen

EBOV EBOV-G / Glycoprotein (His Tag)

# **Specificity**

Ebola virus EBOV (subtype Zaire, strain Mayinga 1976) Glycoprotein / GP

Has cross-reactivity in WB with Ebola virus EBOV (subtype Zaire, strain H.sapiens-wt/GIN/2014/Kissidougou-C15) Glycoprotein / GP Protein (His Tag)(504322); Ebola virus EBOV (subtype Bundibugyo, strain Uganda 2007) Glycoprotein / GP Protein; Ebola virus EBOV (Subtype Sudan, strain Gulu) Glycoprotein / GP Protein (aa:Met1-Asn637, His Tag)(503894)

# **Antibody description**

Rabbit polyclonal to EBOV-G / Glycoprotein

#### **Preparation**

Produced in rabbits immunized with purified, recombinant Ebola virus EBOV (subtype Zaire, strain Mayinga 1976) Glycoprotein / GP (AAC54887.1; Met1-Gln650), and purified by antigen affinity chromatography.

#### **Formulation**

 $0.2 \mu m$  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.

# **Clonality**

Polyclonal

# **Ig Type**

Rabbit IgG

# **Applications**

WB, IHC-P, IP

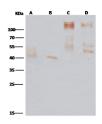
#### **Dilutions**

WB: 1-2 μg/ml

ELISA:  $0.1-0.2 \mu g/ml$ 

This antibody can be used at  $0.1\text{-}0.2~\mu\text{g/ml}$  with the appropriate secondary reagents to detect Ebola virus EBOV (subtype Zaire, strain Mayinga 1976) Glycoprotein / GP.

#### **Validations**



Lanes	А	В	С	D
Sample	GP (Z-EBOV-2014)	GP (B-EBOV-2007)	GP (Z-EBOV-1976)	GP (S-EBOV-2000)
(Recombinant protein)	(Cat#40442-V08B1)	(Cat#40368-V08B1)	(Cat#40304-V08B1)	(Cat#40094-V08B1)
Sample Volume (ng/lane)	10	10	10	10
Gel	13% SDS-PAGE reducing gel			
Recommended Concentration	1-2µg/ml			
Secondary Antibody	HRP Conjugated Goat-anti-Rabbit IgG (H+L) ,at 1:1000 dilution			

Ebola virus EBOV (subtype Zaire, strain Mayinga 1976) Glycoprotein / GP Antibody, Rabbit PAb, Antigen Affinity Purified, Western blot