

Anti-GP (Zaire Ebolavirus/Mayinga 1976) Rabbit Polyclonal Antibody

CATALOG NUMBER: ZEB-GP-001, 100 µg

Introduction	<p>The Ebola virus (EBOV) is a mononegavirus which contains a 19 kb single-stand RNA encoding seven proteins. Rates of genetic change of ebolavirus are 100 times slower than influenza A in humans, but on the same magnitude as those of hepatitis B.</p> <p>The main Ebolavirus glycoprotein (GP) is the only viral protein found on the surface of the Ebola viron and is therefore responsible for mediating attachment and entry of the virus into host cells.</p>
Applications	Western blot (1:200-2,000), ELISA (1:1,000-100,000), IP, etc.
Description	Rabbit polyclonal antibody
Immunogen	Genetic immunization using DNA vaccine expressing full length Glycoprotein (aa 1-676) of Zaire Ebolavirus (Mayinga 1976) (GenBank Accession No. U23187)
Specificity	Reacts with GP protein of Zaire Ebolavirus (Mayinga 1976). Cross-reactivity to other EBOV subtypes or strains not tested.
Purification	Immunoaffinity chromatography
Isotype	IgG
Storage	Store at -20 °C; Stable for 6-months from the date of shipment when kept at 4 °C. Non-hazardous, no MSDS required.
Concentration	2 µg/µl in PBS with 0.1% gelatin plus 0.1% sodium azide

