

Product datasheet

Recombinant REBOV GP protein ab190132

2 Images

Description

Product name	Recombinant REBOV GP protein
Expression system	Baculovirus infected Sf9 cells
Accession	Q66799
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Predicted molecular weight	72 kDa
Additional sequence information	Mature recombinant Reston ebolavirus glycoprotein (GP) minus the transmembrane domain.

Specifications

Our [Abpromise guarantee](#) covers the use of **ab190132** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	Western blot SDS-PAGE
Form	Liquid
Additional notes	The theoretical molecular weight of the protein is ~72 kDa including the His tag, without glycosylation. Because of the glycosylated nature of this protein, migration in an SDS-PAGE gel results in a broad band.

Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at -80°C. Constituents: 89% PBS, 10% Glycerol Supplemented with arginine and glutamic acid.
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General Info

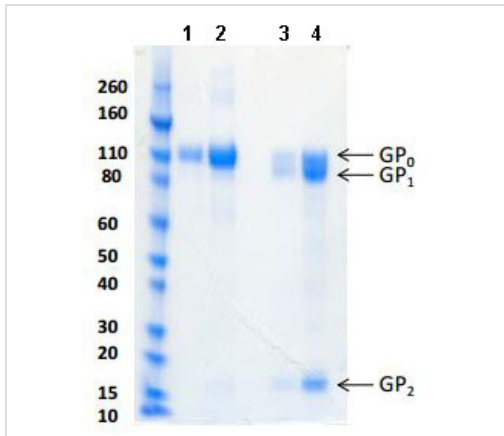
Relevance	REBOV GP seems to possess an anti-inflammatory activity as it can reverse the barrier-
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decreasing effects of TNF alpha. Might therefore contribute to the lack of inflammatory reaction seen during infection in spite the of extensive necrosis and massive virus production. Does not seem to be involved in activation of primary macrophages. Does not seem to interact specifically with neutrophils. Delta-peptide does not seem to be involved in activation of primary macrophages B REBOV GP is a homodimer; disulfide-linked. The homodimers are linked by two disulfide bonds in a parallel orientation. Delta-peptide is a monome

Cellular localization

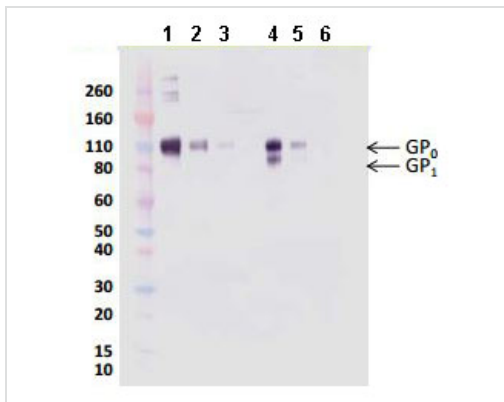
Secreted

Images



SDS-PAGE - Recombinant REBOV GP protein
(ab190132)

SDS-PAGE analysis of 1 µg (lanes 1 and 3) and 5 µg (lanes 2 and 4) of ab190132 under non-reducing (lanes 1 and 2) and reducing conditions (lanes 3 and 4).



Western blot - Recombinant REBOV GP protein
(ab190132)

All lanes : Rabbit anti-REBOV GP pAb at 0.5 µg/ml

Lanes 1 & 4 : Recombinant REBOV GP protein (ab190132) at 0.5 µg

Lanes 2 & 5 : Recombinant REBOV GP protein (ab190132) at 0.1 µg

Lanes 3 & 6 : Recombinant REBOV GP protein (ab190132) at 0.05 µg

Secondary

All lanes : Anti-rabbit IgG-AP conjugate

Nonreducing conditions (lanes 1-3) and reducing conditions (lanes 4-6).

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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