

Anti-EBOV-VP40 antibody



Catalog Number: 142071

Product name

Anti-EBOV-VP40 antibody

Immunogen

[EBOV EBOV-VP40 / Matrix protein VP40 \(His Tag\)](#)

Specificity

Ebola virus EBOV (subtype Sudan, strain Gulu) VP40 / Matrix protein VP40

Antibody description

Mouse Monoclonal to EBOV EBOV-VP40

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 Ebola virus EBOV (subtype Sudan, strain Gulu) VP40 / Matrix protein VP40 . The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography.

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.

Clonality

Monoclonal

Ig Type

Mouse IgG1

Applications

WB, ELISA, IHC-P, FCM, ICC/IF, IF, IP

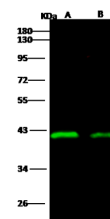
Dilutions

WB: 0.5-5 µg/ml

ELISA: 0.5-1 µg/ml

This antibody can be used at 0.5-1 µg/ml with the appropriate secondary reagents to detect Ebola virus EBOV (subtype Sudan, strain Gulu) VP40 / Matrix protein VP40.

Validations



Items	Lanes	A	B
Sample (Recombinant protein)	SudanEBOV (Cat#40447-V07E)		
Sample Volume (ng/lane)	30	10	
Gel	1.3% SDS-PAGE reducing gel		
Recommended Concentration	0.5-5µg/ml		
Secondary Antibody	Dylight 800-labeled Antibody To Mouse IgG (1:1), at 1:2500 dilution.		
Developed using Odyssey imaging system.			

Ebola virus EBOV (subtype Sudan, strain Gulu) VP40 / Matrix protein VP40 Antibody, Mouse MAAb, Western blot