

Ebola virus VP40 Antibody, Mouse MAb



Sino Biological
Biological Solution Specialist

Catalog Number: 40447-MM02

GENERAL INFORMATION	
Immunogen:	Recombinant EBOV Ebola virus VP40 Protein (Catalog#40447-V07E)
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 EBOV Ebola virus VP40 (Catalog#40447-V07E; YP_138522.1; Val31-Lys326). The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography.
Ig Type:	Mouse IgG1
Clone ID:	02
Specificity:	Ebola virus VP40
	Has cross-reactivity in ELISA and WB with EBOV (subtype Zaire, strain H.sapiens-wt/GIN/2014/Kissidougou-C15) Matrix protein VP40 Protein (Cat# 40446-V07E) EBOV (subtype Sudan, strain Gulu) Matrix protein VP40 Protein (Cat# 40447-V07E) EBOV (subtype Bundibugyo, strain Uganda 2007) atrix protein VP40 Protein (Cat# 40448-V07E)
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. Avoid repeated freeze-thaw cycles.
Alternative Names:	EBOV-VP40
APPLICATIONS	
Applications:	WB, ELISA
	IHC, FCM, IF, IP et al. applications haven't been validated. (Antibody's applications haven't been validated with corresponding virus positive samples. Optimal concentrations/dilutions should be determined by the end user.)
RECOMMENDED CONCENTRATION	
Western Blot	WB: 1:1000-1:5000
ELISA	ELISA: 1:1000-1:2000

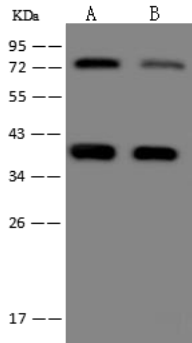
Please Note: Optimal concentrations/dilutions should be determined by the end user.

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Anti-Ebola virus VP40 mouse monoclonal antibody at 1:1000 dilution.

Sample: Ebola virus EBOV (subtype Sudan, strain Gulu) VP40 Recombinant Protein

Lane A: 30ng

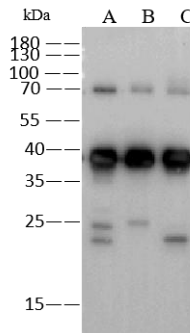
Lane B: 10ng

Secondary

Goat Anti-Mouse IgG (H+L)/HRP at 1/10000 dilution.

Developed using the ECL technique.

Performed under reducing conditions.



Anti-Ebola virus VP40 mouse monoclonal antibody at 1:1000 dilution

Sample: Recombinant Protein 30 ng

Lane A: Ebola virus EBOV (subtype Zaire, strain H.sapiens-wt/GIN/2014/Kissidougou-C15) Matrix protein VP40 Protein (His Tag) (Catalog# 40446-V07E)

Lane B: Ebola virus EBOV (subtype Sudan, strain Gulu) VP40 / Matrix protein VP40 Protein (Catalog# 40447-V07E)

Lane C: Ebola virus EBOV (subtype Bundibugyo, strain Uganda 2007) VP40 / Matrix protein VP40 Protein (His Tag) (Catalog# 40448-V07E)

Secondary

Goat Anti-Mouse IgG (H+L)/HRP at 1/10000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

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