



Mouse Anti-EBOV VP40 Monoclonal antibody, clone C4267N (CABT-RM281)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	Reacts with the Ebola Virus nucleoprotein of Sudan and Zaire sequences. It reacts with Ebola Virus-Like Particles (VLPs).
Target	EBOV VP40
Immunogen	Recombinant Ebola Virus VP40
Isotype	IgG2b
Source/Host	Mouse
Species Reactivity	EBOV
Clone	C4267N
Purification	> 90% pure (SDS-PAGE). Protein A Chromatography
Conjugate	unconjugated
Applications	ELISA, WB
Format	Liquid
Size	1 mg
Buffer	0.01 M Phosphate Buffered Saline, pH 7.2
Preservative	0.1% Sodium Azide
Storage	Store at 2-8°C.

BACKGROUND

Introduction	Zaire ebolavirus, more commonly known as simply Ebola virus (EBOV), is one of six known species within the genus Ebolavirus. Four of the six known ebolaviruses, including EBOV, cause a severe and often fatal hemorrhagic fever in humans and other mammals, known as Ebola virus disease (EVD). The EBOV genome is a single-stranded RNA approximately 19,000 nucleotides long. It encodes seven structural proteins: nucleoprotein (NP), polymerase cofactor (VP35), (VP40), GP, transcription activator (VP30), VP24, and RNA-dependent RNA polymerase (L).
Keywords	EBOV VP40; Ebola Virus VP40 matrix protein; Ebola virus; EBOV; VP40; Ebola VP40