



Mouse Anti-EBOV Monoclonal antibody, Clone D11 (CABT-CS291)

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

PRODUCT INFORMATION

Specificity	EBOV
Target	EBOV
Immunogen	EBOV
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	EBOV
Clone	D11
Conjugate	unconjugated
Applications	ELISA
Format	Liquid
Size	1 mg
Buffer	10 mM PBS
Preservative	None
Storage	Store at -20°C; avoid repeated freeze and thaw cycles.

BACKGROUND

Introduction

Ebola viruses cause a severe and often deadly illness known as Ebola virus disease (EVD; previously referred to as Ebola hemorrhagic fever). Fatality rates during EVD outbreaks can be as high as 90 percent. Ebola viruses produce hemorrhagic fever, a condition that also can be brought about by other types of viruses but Ebola produces one of the most lethal forms. In addition to the other symptoms of hemorrhagic fever – fever, headache, muscle pain, weakness, vomiting, and diarrhea – the more severe cases can include damage to blood vessels and extensive internal and external bleeding (hemorrhage). Mortality rates for EVD range from 25 percent to 90 percent, with an average of 50 percent. Death usually occurs as a result of shock due to fluid loss rather than blood loss.

Keywords

Ebola virus; EBOV; Ebolavirus