



# Rabbit Anti-VEEV E2 B domain Monoclonal Antibody, Clone 4C5D (CABT-CS811)

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

## PRODUCT INFORMATION

<b>Specificity</b>	This antibody binds to the tip of the E2 B domain, between residues Ser182 and Ile207.
<b>Target</b>	VEEV envelope protein 2 domain B
<b>Immunogen</b>	This antibody was obtained by immunization of mice with TC-83 virus
<b>Isotype</b>	IgG, Kappa
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	VEEV
<b>Clone</b>	4C5D
<b>Purification</b>	Protein A affinity purified
<b>Conjugate</b>	unconjugated
<b>Applications</b>	ELISA
<b>Format</b>	Liquid
<b>Concentration</b>	1 mg/mL
<b>Size</b>	200 µg
<b>Buffer</b>	PBS with 0.02% Proclin 300
<b>Preservative</b>	0.02% Proclin 300
<b>Storage</b>	Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

# BACKGROUND

## Introduction

Venezuelan equine encephalitis virus (VEEV) is responsible for VEE epidemics that occur in South and Central America and the U.S. The VEEV envelope contains two glycoproteins E1 (mediates cell membrane fusion) and E2 (binds receptor and elicits virus neutralizing antibodies).

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## Keywords

VEEV; Venezuelan Equine Encephalitis Virus; VEEV E2; VEEV E2 B domain

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