



Human Anti-VEEV E2 B domain Monoclonal Antibody, Clone 4C5D (CABT-CS889)

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

PRODUCT INFORMATION

Specificity	This antibody binds to the tip of the E2 B domain, between residues Ser182 and Ile207.
Target	VEEV envelope protein 2 domain B
Immunogen	This antibody was obtained by immunization of mice with TC-83 virus
Isotype	IgG, Kappa
Source/Host	Human
Species Reactivity	VEEV
Clone	4C5D
Purification	Protein A affinity purified
Conjugate	unconjugated
Applications	ELISA
Format	Liquid
Concentration	1 mg/mL
Size	200 µg
Buffer	PBS with 0.02% Proclin 300
Preservative	0.02% Proclin 300
Storage	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).
Keywords	VEEV; Venezuelan Equine Encephalitis Virus; VEEV E2; VEEV E2 B domain