Anti-E2 B domain [3b4c-4] Bulk Size Ab00708-23.0-BT

This chimeric rabbit antibody was made using the variable domain sequences of the original Human IgG1 format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Rabbit IgG, Kappa
Clone Number: 3b4c-4
Alternative Name(s) of Target: VEEV envelope protein 2 domain B
UniProt Accession Number of Target Protein:
Published Application(s): crystallization, NTRL, ELISA
Published Species Reactivity: Human Venezuelan Equine Encephalitis Virus
Immunogen: This antibody was obtained by immunization of mice with TC-83 virus and was humanized using combinatorial antibody libraries and phage display technology.
Specificity: This antibody binds to the tip of the E2 B domain, between residues Ser182 and Ile207.
Application Notes: This antibody has been shown to have protective effects in VEEV challenge and has been used in crystallization studies as well as ELISA.
Antibody First Published in: Roehrig et al. Antigenic analysis of the surface glycoproteins of a Venezuelan equine encephalomyelitis virus (TC-83) using monoclonal antibodies. Virology. 1982 Apr 30;118(2):269-78. PMID:6178209
Note on publication: Describes the generation of hybridoma secreting the original antibody.

Product Form

Size: 1 mg Purified antibody in bulk size.
Purification: Protein A affinity purified
Supplied In: PBS only.
Storage Recommendation: Store at 4ºC for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommed this antibody be handled under sterile conditions. For longer storage, aliquot and store at -20ºC.
Concentration: 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.

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