

Anti-E2 A domain [F5] Standard Size Ab00707-23.0

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, Lambda

Clone Number: F5

Alternative Name(s) of Target: VEEV envelope protein 2 domain A

UniProt Accession Number of Target Protein:

Published Application(s): crystallization, NTRL

Published Species Reactivity: Human Venezuelan Equine Encephalitis Virus

Immunogen: This antibody that was isolated using phage display from human bone marrow donors.

Specificity: This antibody binds to the E2 A domain to an epitope mapped to amino acids 115 to 119.

Application Notes: This antibody has been shown to have protective effects in VEEV challenge and has been used in crystallization studies.

Antibody First Published in: Hunt et al. A humanized murine monoclonal antibody protects mice either before or after challenge with virulent Venezuelan equine encephalomyelitis virus J Gen Virol. 2006 Sep;87(Pt 9):2467-76. [PMID:16894184](#)

Note on publication: Describes the generation of this antibody from a phage display library.

Product Form

Size: 200 µg Purified antibody.

Purification: Protein A affinity purified

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

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.