

Anti-3ABC poly-protein [3B3A5] Standard Size Ab00357-1.1

Recombinant monoclonal antibody to 3ABC poly-protein. Manufactured using AbAb's Recombinant Platform with variable regions (i.e. specificity) from the scFv 3B3A5.

Isotype and Format: Mouse IgG1, Kappa

Clone Number: 3B3A5

Alternative Name(s) of Target:

UniProt Accession Number of Target Protein:

Published Application(s): ELISA

Published Species Reactivity: Foot-and-Mouth-disease virus (FMDV)

Immunogen: The full-length 3-ABC poly-protein.

Specificity: Binds specifically to the 3B region of the 3ABC poly-protein of the FMD-virus.

Application Notes: This is an scFv antibody binding to the 3B region of the 3ABC poly-protein which is a non-structural protein of the foot-and-mouth-disease virus used as a diagnostic antigen.

Antibody First Published in: Sharma et al. 2014 Production and characterization of single-chain antibody (scFv) against 3ABC non-structural protein in Escherichia coli for sero-diagnosis of Foot and Mouth Disease virus. *Biologicals* 2014; 42(6):339-345 [PMID:25439091](#)

Note on publication: Describes the scFv expression of an anti-2ABC antibody in E. coli and the determination of diagnostic sensitivity and specificity by ELISA.

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.