

Anti-BmSXP [Ab5b] Bulk Size Ab04014-23.0-BT

Isotype and Format: Rabbit IgG, Lambda

Clone Number: Ab5b

Alternative Name(s) of Target:

UniProt Accession Number of Target Protein:

Published Application(s): ELISA

Published Species Reactivity: Lymphatic filariasis

Immunogen: The original antibody was isolated by panning a human scFv library against BmSXP antigen.

Specificity: The antibody is specific for BmSXP.

Application Notes: The specificity of the original format of the antibody was confirmed by ELISA analysis (Rahumatullah et al., 2017; PMID: 29165352). The scFv format of the antibody was tested as QC reagents in two commercial rapid test kits for the detection of BmSXP. The antibody showed positive reaction with both rapid tests. Further, the antibody was able to capture the BmSXP recombinant protein through immunoaffinity purification (Rahumatullah et al., 2020; PMID: 31933469).

Antibody First Published in: Rahumatullah et al. Antibody-Based Protective Immunity against Helminth Infections: Antibody Phage Display Derived Antibodies against BmR1 Antigen Int J Mol Sci. 2017 Nov 22;18(11):2376. doi: 10.3390/ijms18112376. [PMID:29165352](#)

Note on publication: The original paper describes the generation and characterization of 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 4°C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommended this antibody be handled under sterile conditions. 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.