Anti-Hepatitis B Surface Antigen (HBsAg) Recombinant Antibody Fragments

Target: Anti-Hepatitis B Surface Antigen (HBsAg)

Clone name: MCHBS

Catalogue Number: RAF9338

Description: Recombinant single-chain variable fragment (scFv) obtained from Sheep and expressed in an E. Coli to bind against human Hepatitis B Surface Antigen (HBsAg).

Activity/ Specificity: Tested positive against human HBsAg antigen. Cross-reactivity checked against a panel of known cross-reactants and non-specific antigens.

Applications: These fragments contain His and c-Myc fusion tags which may be used for detection or immobilisation. Recombinant antibody fragments are suitable for use in ELISA immunoassays, biosensor applications, western blots, immunohistochemistry, flow cytometry, immunoaffinity purification and most other immunological methods*.

Size: Approximately 35 kDa

Quantity: 1 mg

Concentration: Typically >1mg/ml

Purity: >90% assessed by SDS-PAGE.

Storage: These fragments are stable at 4°C. It is recommended that for storage over extended periods they are kept at –20°C and should not be subject to repeated freeze-thaw cycles.

Buffer: 1x PBS containing 0.09% sodium azide preservative.

Dilution Factor: To be determined by end-user.

* This product as supplied is intended for research applications only. It is not for use in therapeutic or diagnostic applications without the expressed written authorization of Randox Life Sciences.

References:
