Anti-ImmunoglobulinG (IgG) (subclasses 1,2,3 & 4) Recombinant Antibody Fragments

Target: Anti-human ImmunoglobulinG (IgG) (subclasses 1,2,3 & 4)
Clone Name: 6.1H3.D9.C6
Catalogue Number: RAF9679

Description: Recombinant single domain antibody fragments (sdAb)\(^1\) obtained from Alpaca and expressed in an E. Coli to bind against human ImmunoglobulinG (IgG) antigen.

Activity/ Specificity: Tested positive against IgG 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.\(^2\) 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 18 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: