Anti-Cardiac Troponin I (cTnI) epitope 40-50 Antibody Fragments

**Target:** Anti-Cardiac Troponin I (cTnI) epitope 40-50

**Clone Name:** 1542.61H8

**Catalogue Number:** RAF9523

**Description:** Recombinant single-chain variable fragment (scFv) obtained from Sheep and expressed in an E. Coli to bind against human Cardiac Troponin I (cTnI) antigen.

**Activity/Specificity:** Tested positive against native cTnI antigen. Shows no cross-reactivity against a panel of nonspecific antigens including skeletal troponin I (sTnI).

**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:**
