Sheep Anti-Human IgG1

(Affinity Purified)

PRODUCT CODE: AU006

This product is intended for *in vitro* research use only.

1 REAGENT

1.1 PRESENTATION

0.5mg of affinity purified sheep immunoglobulin in glycine buffered saline pH7.4. Preservatives used: 0.099% sodium azide, 0.1% E-amino-n-caproic acid, 0.01% benzamidine, and 1mM ethylenediaminetetraacetic acid.

1.2 IMMUNOGEN

Purified human IgG1, shown pure by IEP and SDS-PAGE.

1.3 PREPARATION

Antisera are prepared by immunising sheep with the above antigen. Affinity purified antibodies are produced by passing the antiserum down an immuno-affinity column and subsequently eluting the specific antibodies. The product is 0.2µm filtered.

1.4 SPECIFICITY

This product has been shown to be specific by IEP.

2 CAUTION

This product contains sodium azide and must be handled with caution – do not ingest or allow contact with skin or mucous membranes. If contact does occur, wash with a large volume of water and seek medical advice. Explosive metal azides may be formed with lead and copper plumbing; on disposal of reagent, flush with a large volume of water to prevent azide build up.

3 STORAGE AND STABILITY

Upon receipt this product should be stored at 2-8°C where it will remain stable until the given expiry date.

4 APPLICATIONS

This product is intended for in vitro research use only. It is recommended for use in Western blot (WB) and enzyme immunoassays (EIA) and has been Q.C. tested as detailed below. These details should be used as guidelines for determining the working conditions in the users system.

Western blotting: using 1µg human IgG1/lane, Donkey anti-sheep/goat immunoglobulins-peroxidase 1/500 (The Binding Site (TBS) code no. AP360) as a secondary antibody and 3-amino-9-ethyl carbazole (AEC) tablet as a substrate: **1/4000-1/8000**

EIA: to give an A450nm = 1.0 using wells coated with 10 µg human IgG1, Donkey anti - sheep/goat immunoglobulins-peroxidase 1/5000 (The Binding Site (TBS) code no. AP360) as a secondary antibody and tetramethylbenzidine (TMB) as the chromogen: **1/4000-1/8000**