



OXFORD BIOMEDICAL RESEARCH

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Product specification

Anti-Human Cytochrome P450 2E1

Product # PA 26 Typical Lot

Immunoglobulin Type: Polyclonal rabbit IgG

Immunogen: Recombinant human P450 2E1 expressed in *E. coli*.

Specificity: WESTERN BLOTS: Recognizes a band (P450 2E1) in human liver microsomes. Is reactive with 0.2 µg of recombinant human P450 2E1. Only slightly cross-reacts with recombinant human P450 1A1 after prolonged incubation. Does not cross-react with recombinant human cytochromes P450 1A2, 3A4, or 2C10.

Applications: Western blot

Contents: 100 µL of purified rabbit IgG

Concentration: 5 mg/mL in 20 mM Phosphate buffer (pH 8.0)

Working Dilution: A dilution of 1:1000 for Western blots will yield a positive result with 0.2 µg of recombinant human cytochrome P450 2E1 using alkaline phosphatase- conjugated anti-rabbit IgG secondary antibody according to the manufacturer's instructions.

Storage: Store at -80°C Avoid repeated freeze-thaw cycles. Refreezing the product may result in loss of activity.

References: Gillarm E.M., Guo Z., and Guengerich F.P. *Arch. Biochem. Biophys.*, **312**: 59-66, 1994.