

**Product Specification Sheet**

Description: Anti 2B4  
Cytochrome P450  
Product Number: PR30  
Aliquot: 1 mL  
Lot Number: 0701941CT  
Storage: -70°C

- DESCRIPTION:** Anti 2B4 Cytochrome P450
- MOLECULAR WEIGHT:** 1 mL of goat antiserum containing 0.05% sodium azide.
- STORAGE:** Stable at 4°C for 6 to 8 weeks, several months at -20°C and indefinitely at -70°C. Upon thawing it is best to aliquot for individual usage. Repeated freezing and thawing may result in diminishment or loss of activity.
- IMMUNOGLOBULIN:** Polyclonal goat IgG.
- SPECIFICITY:** Reacts as a single band with liver microsomes prepared from rabbits that were induced to express multiple forms of P450's.
- WORKING DILUTION:** A dilution of 1/100 for Western blots will yield a positive result with 0.2 µg of purified rabbit cytochrome P450 2B4 using horseradish peroxidase conjugated rabbit anti-goat antibodies according to the manufacturer's instructions. Diluted serum can be used a minimum of three times.
- APPLICATIONS:** Immunoassay or Western blots.
- REFERENCES:**
1. Guengerich, F.P., et al. (1982) *Biochemistry* 21: 6019
  2. Kim, S.G., et al. (1988) *J. Pharmacol. Exp. Ther.* 246: 1175
  3. Bellward, G.D., et al. (1988) *Mol. Pharmacol.* 33: 140