PRODUCT SPECIFICATION

CATALOG NUMBER: A42090

PRODUCT: Phenobarbital Monoclonal Antibody
IMMUNOGEN: Phenobarbital-KLH
PURIFIED: Protein A purified IgG
BUFFER: Potassium phosphate buffer, 0.15M NaCl, pH 7.2
PRESERVATIVE: 0.1% NaN₃
AFFINITY CONSTANT: 6.51 x 10⁸
SUBCLASS: IgG₁
STORAGE CONDITIONS: 2-8°C short term; -20°C long term
CROSS REACTIVITY: Phenobarbital 100%
                     Amobarbital 4.0%
                     Butabarbital 0.39%
                     Hexobarbital 0.86%
                     Secobarbital 4.20%
HAZARD/BIOHAZARD: This material contains Sodium Azide as a preservative, take appropriate precautions. There is no known biohazard associated with this product.