

12-8142: Anti-Barbiturate (BAR-8834)

Clonality : Monoclonal
Clone Name : BAR-8834
Application : ELISA
Isotype : Mouse IgG1 k

Description

Specificity: Anti-barbiturate (Clone BAR-8834) is specific for barbiturate.

Background: Barbiturates are a class of central nervous system depressants that have been historically used for various medical purposes, including as sedatives, hypnotics, and anticonvulsants. These drugs exert their effects by enhancing the activity of the neurotransmitter gamma-aminobutyric acid (GABA), leading to a calming and sedative effect on the brain. Barbiturates were once commonly prescribed for conditions such as anxiety and insomnia, but their use has significantly declined due to the development of safer alternatives. Diagnostic tests for barbiturates in urine, blood, or saliva play a crucial role in forensic and clinical settings, helping healthcare professionals assess exposure, monitor treatment adherence, and investigate cases of overdose or intoxication. As barbiturate misuse poses risks of dependence and overdose, diagnostic testing is essential in ensuring the proper management and intervention for individuals affected by these substances.

Product Info

Amount : 1.0 mg
Purification : Purity: >98% by SDS Page
Preparation: This monoclonal antibody is purified by Protein A chromatography.
Content : Concentration: ≥ 1.0 mg/ml
Formulation: Formulated in phosphate buffered saline, pH 7.2 and contains 0.05% sodium azide.
Storage condition : 2-8°C