

12-8146: Anti-Benzoylecgonine (BNG-9735)

Clonality : Monoclonal
Clone Name : BNG-9735
Application : ELISA
Isotype : Mouse IgG1 k

Description

Specificity: Anti-benzoylecgonine (Clone BNG-9735) is specific for benzoylecgonine.

Background: Benzoylecgonine is a major metabolite of cocaine, a powerful stimulant drug derived from the coca plant. When cocaine is ingested, it is metabolized in the liver into various compounds, with benzoylecgonine being the primary metabolite that can be detected in urine. Unlike cocaine, benzoylecgonine has a longer half-life and can persist in the body for an extended period, making it a reliable marker for recent cocaine use. Consequently, drug tests often target benzoylecgonine to identify individuals who have used cocaine within a specific timeframe. This metabolite is frequently screened in workplace drug testing, forensic analyses, and legal situations to ascertain recent cocaine consumption, contributing to efforts aimed at detecting and addressing substance abuse.

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