

## 12-8145: Anti-Benzoylecgonine (BNG-8273)

**Clonality :** Monoclonal  
**Clone Name :** BNG-8273  
**Application :** ELISA  
**Isotype :** Mouse IgG1 k

### Description

**Specificity:** Anti-benzoylecgonine (Clone BNG-8273) 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:  $\geq 1.0$  mg/ml  
Formulation: Formulated in phosphate buffered saline, pH 7.2 and contains 0.05% sodium azide.  
**Storage condition :** 2-8°C