

## 12-8147: Anti-Fentanyl (FEN0595)

**Clonality :** Monoclonal  
**Clone Name :** FEN0595  
**Application :** ELISA  
**Isotype :** Mouse IgG1 k

### Description

Specificity: Anti-fentanyl (Clone FEN0595) recognizes fentanyl.

Background: Fentanyl is a potent synthetic opioid analgesic that was originally developed as a powerful painkiller. Compared to other opioids, fentanyl is about 50-100 times stronger than heroin and morphine. In recent years, fentanyl has gained notoriety for its widespread misuse and involvement in a significant number of overdose deaths. Illicitly manufactured fentanyl, often mixed with other drugs or sold as a standalone substance, has become a major contributor to the opioid crisis. The drug's high potency poses a heightened risk of overdose, and its presence in the illegal drug market has led to a surge in opioid-related fatalities.

### Product Info

**Amount :** 1.0 mg

**Purification :** Purity: >90% for SDS PAGE  
Preparation: This monoclonal antibody is purified by ion exchange chromatography.

**Content :** Concentration:  $\geq 1.0$  mg/ml  
Formulation: Formulated in 0.015M potassium phosphate buffered saline (0.85%), pH 7.2 and contains 0.05% sodium azide.

**Storage condition :** 2-8°C for 5 years if unopened, -20°C for 5 years.