

12-8141: Anti-Amphetamine (AMP-2658)

Clonality : Monoclonal
Clone Name : AMP-2658
Application : ELISA
Isotype : Mouse IgG2b k

Description

Specificity: Amphetamine

Background: Amphetamine is a powerful central nervous system stimulant that belongs to the phenethylamine class. Commonly used for medical purposes in the treatment of attention deficit hyperactivity disorder (ADHD) and narcolepsy, amphetamines have also gained notoriety as illicit drugs due to their potential for abuse. Illicit forms, such as methamphetamine, are often synthesized and trafficked illegally, contributing to a significant global drug abuse problem. These substances can induce heightened alertness, increased energy, and euphoria, but their misuse can lead to severe health consequences, including addiction, cardiovascular issues, and psychological disorders. Due to the illicit production and distribution of amphetamines, governments worldwide implement strict regulations and law enforcement measures to combat their trafficking and 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: ≥ 5.0 mg/ml
Formulation: Formulated in phosphate buffered saline, pH 7.2 and contains 0.05% sodium azide.
Storage condition : 2-8°C