

12-8168: Anti-Phencyclidine (Clone PCP-2597)

Clonality : Monoclonal
Clone Name : PCP-2597
Application : ELISA
Isotype : Mouse IgG1 k

Description

Specificity: Anti-Phencyclidine (Clone PCP-2597) is specific for phencyclidine.

Background: Phencyclidine, commonly known as PCP, is a dissociative anesthetic drug that was initially developed for medical use but later discontinued due to its adverse effects. PCP disrupts the normal functioning of the central nervous system by blocking N-methyl-D-aspartate (NMDA) receptors, which are involved in the transmission of excitatory signals in the brain. As a result, PCP induces hallucinations, distorted perceptions of reality, and a sense of detachment from the environment. The drug can be ingested orally, snorted, smoked, or injected. Diagnostic testing for PCP abuse typically involves urine analysis, as PCP and its metabolites can be detected in urine samples.

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