

12-8169: Anti-Phencyclidine-(Clone PCP-4183)

Clonality : Monoclonal
Clone Name : PCP-4183
Application : ELISA
Alternative Name : PCP
Isotype : Mouse IgG1 k

Description

Specificity: Anti-Phencyclidine (clone PCP-4183) as the following specificity: Phencyclidine - 100% Tenocyclidine - 0.6%
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: >90% for SDS PAGE
Preparation: This monoclonal antibody is purified by ion exchange chromatography.
Concentration: ≥ 1.0 mg/ml
Content : Formulation: Formulated in 0.015M potassium phosphate buffered saline (0.85%), pH 7.2 and contains 0.05% sodium azide.
Storage condition : This purified antibody is stable when stored at 2-8°C. Do not freeze.