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12-8167: Anti-Oxycodone-(Clone OXY-5589)

Clonality : Monoclonal
Clone Name : OXY-5589
Application : ELISA
Isotype : Mouse IgG1 k

Description

Specificity: Anti-Oxycodone (clone OXY-5589) as the following specificity: Oxycodone - 100%, Codine - 1%, Hydrocodone - 1%, Hydromorphone - 1%, Morphine - 1%
Background: Oxycodone, a potent opioid analgesic, is widely prescribed for the management of moderate to severe pain with a high potential for physical dependence and addiction. Oxycodone works by binding to various opioid receptors with the strongest affinity for the mu-opioid receptors in the central nervous system, exerting analgesic effects and altering the perception of pain. Diagnostic testing for oxycodone misuse or adherence monitoring is commonly conducted through urine tests, which can detect the presence of the drug or its metabolites. However, misuse remains a significant concern, given oxycodone's potential for addiction and dependence. Individuals may misuse the drug by taking it in higher doses than prescribed, crushing and snorting it, or injecting it to enhance its effects.

Product Info

Amount :	1.0 mg
Purification :	Purity: >90% for SDS PAGE Preparation: This monoclonal antibody is purified by ion exchange chromatography.
Content :	Concentration: >=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 :	This purified antibody is stable when stored at 2-8°C.?Do not freeze.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.