

12-8159: Anti-LSD (LSD-7543)

Clonality :	Monoclonal
Clone Name :	LSD-7543
Application :	ELISA
Alternative Name :	Lysergic acid diethylamide
Isotype :	Mouse IgG1 k

Description

Specificity: Anti-LSD (Clone LSD-7543) is specific for lysergic acid diethylamide (LSD).

Background: Lysergic acid diethylamide (LSD) is a powerful hallucinogenic substance that belongs to the psychedelic class of drugs. The substance primarily interacts with serotonin receptors in the brain, leading to profound changes in perception, mood, and cognition. While LSD is not considered physically addictive, its psychological effects can be intense, and users may experience "bad trips" characterized by anxiety and paranoia. Diagnostic testing for LSD use typically relies on urine or blood tests to detect the presence of the drug or its metabolites. However, due to the rapid metabolism of LSD, these tests may have a limited window of detection, making it challenging to confirm recent use. Additionally, LSD does not appear in standard drug screenings, necessitating specific tests when suspicion arises. Overall, the unique pharmacological properties of LSD pose challenges for diagnostic testing.

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