

12-8361: Anti-Quetiapine (QUE-1058)

Clonality : Monoclonal
Clone Name : QUE-1058
Application : ELISA
Isotype : Mouse IgG1 k

Description

Specificity: Anti-Quetiapine (clone QUE-1058) is specific for quetiapine.

Background: Quetiapine, marketed as Seroquel, is an atypical antipsychotic medication prescribed for conditions such as schizophrenia, bipolar disorder, and major depressive disorder. Introduced in the late 20th century, quetiapine exerts its therapeutic effects by antagonizing serotonin and dopamine receptors in the brain, which helps regulate imbalances in these neurotransmitters associated with psychiatric disorders. Its method of action involves a combination of serotonin receptor blockade and weaker dopamine receptor antagonism compared to other antipsychotics. Monitoring for proper therapeutic range and signs of abuse and misuse is important, as the drug does have the potential for life-threatening toxicity.

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.