

12-8350: Anti-Aripiprazole-(Clone ARI-2422)

Clonality : Monoclonal
Clone Name : ARI-2422
Application : ELISA
Isotype : Mouse IgG1 k

Description

Specificity: Anti-Aripiprazole (clone ARI-2422) is specific for aripiprazole.

Background: Aripiprazole, a third-generation atypical antipsychotic, is commonly prescribed for the treatment of schizophrenia, bipolar disorder, and major depressive disorder. Introduced in the early 21st century, aripiprazole exhibits a distinctive mechanism of action as a partial agonist at dopamine D2 and serotonin 5-HT1A receptors, while antagonizing serotonin 5-HT2A receptors. This unique pharmacological profile contributes to its efficacy in balancing dopamine and serotonin levels in the brain, alleviating symptoms associated with various psychiatric conditions. Unlike many antipsychotics, aripiprazole is associated with a lower risk of metabolic side effects. Close monitoring of side effects in the first few weeks of drug administration is required and therapeutic drug monitoring may be considered in certain situations to ensure optimal dosing.

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.