



Meridian
Life Science, Inc.
Innovative Solutions. Trusted Partner.®

5171 Wilfong Road
Memphis, TN 38134
USA
Telephone: 901-382-8716
Fax: 901-333-8223
Email: info@meridianlifescience.com
www.MeridianLifeScience.com

CERTIFICATE OF ANALYSIS

Important Note: Centrifuge before opening to ensure complete recovery of vial contents.

Catalog #: Q86405M **Lot #:** 5F16216

Description: MAb to Dopamine
Monoclonal Antibody to Dopamine

Specificity: Catecholamine. Affinity (kD) of this clone is 10^{-8} for DA-BSA and 10^{-7} for NA-BSA. Affinity for unconjugated catecholamines (dopamine, noradrenaline, adrenaline) is lower (Kd is about 10^{-4}). At 1 μ M it inhibits dopamine binding to D-2 receptor in membrane P-2 fraction from human Corpus striatum.

Host Animal: Mouse **Isotype:** IgG₁

Immunogen: Dopamine conjugated with bovine serum albumin.

Format: Purified, Liquid

Purification: $\geq 95\%$ pure (SDS-PAGE). Protein G Chromatography

Concentration: 4.5 mg/mL (OD280nm, $E^{0.1\%} = 1.4$)

Buffer: PBS, pH 7.4

Preservatives: 0.09% Sodium Azide

Applications: Immunocytochemistry detection of catecholamine-secreting cells. Cells require glutaraldehyde fixation in Immunohistochemistry studies. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

Storage: Store at 2–8° C.

Warning: This product contains sodium azide, which has been classified as Xn (Harmful) in European Directive 67/548/EEC in the concentration range of 0.1–1.0%. When disposing of this reagent through lead or copper plumbing, flush with copious volumes of water to prevent azide build-up in drains.

Robert Ott

Signature

10 Jun 2016

Date

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY