

CERTIFICATE OF ANALYSIS

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

Catalog #: E86022M **Lot #:** 10K30717

Description: MAb to 17-beta-Estradiol
Monoclonal Antibody to 17-beta-Estradiol

Specificity: Reacts with 17-beta-Estradiol-BSA conjugate and free Estradiol. No cross reactivity with BSA.

Host Animal: Mouse **Isotype:** IgG₁

Source: Ascites

Immunogen: 17-beta-Estradiol-BSA conjugate.

Format: Purified, Liquid

Purification: > 95% pure (SDS-PAGE). Protein G Chromatography

Concentration: 3.2 mg/mL (OD280nm, E^{0.1%} = 1.4)

Buffer: Phosphate Buffered Saline, pH 7.4

Preservative: 0.09% Sodium Azide

Applications: Can be used in competitive assay of 17-beta-Estradiol. 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.

Safety Note(s): Refer to the appropriate Safety Data Sheet (SDS) for additional information.

Brenda Dunn

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FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY