



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet

Mouse Anti 17-beta-Estradiol

Catalog No.
MD-14-0274

Host Animal
Mouse

Isotype
IgG1

Description

Monoclonal Antibody to 17-beta-Estradiol

Preparation

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

Immunogen: 17-beta-Estradiol-BSA conjugate

Source: Ascites

Fusion Partners: Hybridization of Sp2/0 myeloma cells with spleen cells from BALB/c mice.

Formulation

Product Form: Purified, Liquid

Buffer: PBS, pH 7.4

Preservative Stabilizers: 0.1% Sodium azide

Concentration: 2.3mg/ml (OD280nm, $E^{0.1\%} = 1.4$)

Specificity

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

Storage

Store at 2–8°C

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.

**The products are furnished for LABORATORY RESEARCH USE ONLY.
Not for diagnostic or therapeutic use.**



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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.

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