



RayBiotech, Inc.

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Norcross, GA 30092
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Certificate of Analysis and Data Sheet Mouse Anti Testosterone

Catalog No.
MD-14-0544

Species
Human

Isotype:
IgG₁

Preparation

Host Animal: Mouse. Hybridization of P3X63-Ag8.653 myeloma cells with spleen cells from Balb/c mice.
Source: Ascites
Immunogen: Testosterone-3-CMO-BSA
Purification: DEAE-chromatography

Specificity

Cross-reactivity:
Testosterone 100.0%
5-alpha-Dihydrotestosterone 7.8%

Formulation

Format: Purified, Liquid
Concentration: 4.67mg/ml (OD_{280nm}, E1% = 14)
Affinity Constant: 5×10^{10}
Buffer: 0.015 M Potassium phosphate buffer, 0.15M Sodium chloride, pH 7.2
Preservative: 0.1% Sodium azide

Storage

Short-term (up to 6 months) store at 2–8°C. Long term, aliquot and store at -20°C.

Avoid multiple freeze/thaw cycles.

Centrifuge before opening to ensure complete recovery of vial contents.

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



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Applications

Table Summary of antibody applications and working conditions

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
ELISA	.			
Immunoprecipitation			.	
Western Blotting			.	

Note: Other applications are not tested yet. Optimal dilutions should be determined by each laboratory for each application.

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