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Datasheet for ABIN6941324
anti-Testosterone antibody

2 Images

Overview

Quantity:	100 µg
Target:	Testosterone
Reactivity:	Please inquire
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Testosterone antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Coating (Coat), Radioimmunoassay (RIA), Staining Methods (StM)

Product Details

Immunogen:	Testosterone 3 CMO conjugated to BSA
Clone:	4E1G2
Isotype:	IgG1 kappa
Specificity:	This MAb is highly specific to testosterone. Its affinity constant for testosterone is $\sim 10^{10} \text{M}^{-1}$. In competitive binding immunoassay, it reacts with testosterone 100 %, 11-beta-hydroxy testosterone 3.3 %, 17-alpha-methyl testosterone
Purification:	Purified by Protein A/G

Target Details

Target:	Testosterone
Abstract:	Testosterone Products

Target Details

Target Type: Hormone

Molecular Weight: 288.42Da

Application Details

Application Notes: Positive Control: Interstitial or Leydid cells in testis.
Known Application: ELISA (For coating, order Ab without BSA), Radioimmunoassay (RIA), Immunohistochemistry (Formalin-fixed) (0.25-0.5 µg/mL for 30 minutes at RT)(Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes)Optimal dilution for a specific application should be determined.

Restrictions: For Research Use only

Handling

Concentration: 200 µg/mL

Buffer: 10 mM PBS with 0.05 % BSA & 0.05 % azide.

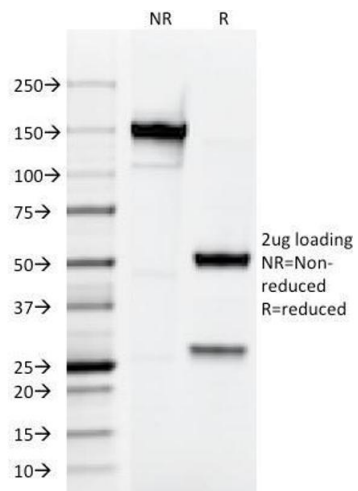
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -80 °C

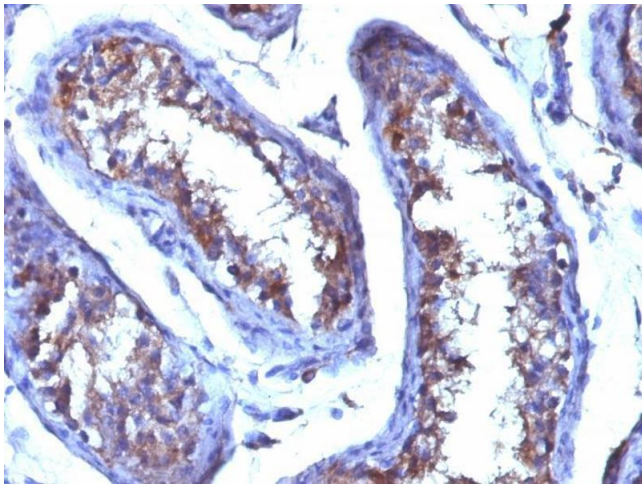
Storage Comment: Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Expiry Date: 24 months



SDS-PAGE

Image 1. SDS-PAGE Analysis Purified Testosterone Mouse Monoclonal Antibody (4E1G2). Confirmation of Purity and Integrity of Antibody.



Immunohistochemistry

Image 2. Formalin-fixed, paraffin-embedded human Testicular Carcinoma stained with Testosterone Mouse Monoclonal Antibody (4E1G2).