

Mouse anti-All species Testosterone Monoclonal Antibody

Testosterone Mouse Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA62755	Mouse	All species	Immunohistochemistry, immunoassay, Radioimmunoassay, ELISA

PRODUCT SYNONYMS

Testosterone; Monoclonal Antibody; Testosterone Mouse Monoclonal Antibody; 17beta-Hydroxy-3-oxo-4-androstene; 17beta-Hydroxy-4-androsten-3-one; 4-Androsten-17beta-ol-3-one; trans-Testosterone; anti-Testosterone antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	All species
Clonality	Monoclonal
Isotype	IgG1, kappa
Clone Number	4E1G2
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.
Form/Format	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Applicable Applications for anti-Testosterone antibody	IHC (Immunohistochemistry), RIA (Radioimmunoassay), ELISA
Cellular Localization	Secreted and Cytoplasmic
Immunogen	Testosterone 3 CMO conjugated to BSA
Positive Control	Interstitial or Leydid cells in testis.
Preparation and Storage	Antibody with azide - store at 2°C to 8°C. Non-hazardous. No MSDS required.

IMAGES



SDS-PAGE

SDS-PAGE Analysis Purified Testosterone Mouse Monoclonal Antibody. Confirmation of Purity and Integrity of Antibody.



IHC (Immunohistochemistry)

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

ADDITIONAL INFORMATION

References	Fantl, V.E. and Wang, D.Y. 1983. Characterisation of monoclonal antibodies raised against Testosterone. J. Steroid Biochem. 19: 1605-1610
------------	---

NCBI AND UNIPROT INFORMATION

Molecular Weight	288.42Da
------------------	----------

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/monoclonal/testosterone-antibody-clone-4e1g2-immunohistochemistry-radioimmunoassay-elisa/62755>