

Anti-Testosterone Monoclonal Antibody

Catalog Number: M30952

About Not Applicable

This monoclonal antibody 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

Overview

Product Name	Anti-Testosterone Monoclonal Antibody
Reactive Species	All species
Description	Boster Bio Anti-Testosterone Monoclonal Antibody (Catalog # M30952). Tested in ELISA, RIA, IHC applications. This antibody reacts with All species.
Conjugate	Biotin
Application	ELISA, IHC, RIA
Clonality	Monoclonal Clone: 4E1G2
Formulation	Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Storage Instructions	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.
Host	Mouse
Uniprot ID	Not Applicable

Technical Details

Immunogen	Testosterone 3 CMO conjugated to BSA
Predicted Reactive Species	Pig, Rabbit
Cross Reactivity	Does not cross-react with primate, avian or amphibian GR.
Isotype	IgG1, kappa
Form	Liquid
Concentration	Purified antibody with BSA and azide at 200ug/ml
Purification	200ug/ml of antibody purified from Bioreactor Concentrate by Protein A/G.
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this

kit.

If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

Some PubMed article(s) citing the expression level of this target are as follows:

Boster Bio's internal QC testing used:

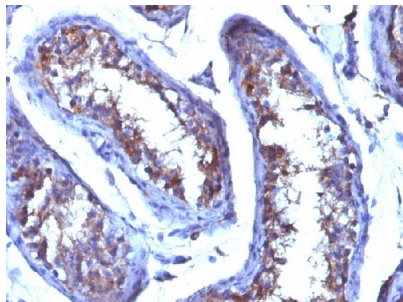
ELISA (For coating, order antibody without BSA)

Radioimmunoassay (RIA)

Immunohistochemistry (Formalin-fixed) (0.25-0.5ug/ml for 30 minutes at RT) (Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes)

Optimal dilution for a specific application should be determined.

Anti-Testosterone Monoclonal Antibody (M30952) Images



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

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