

Testosterone Antibody

Mouse Monoclonal Antibody [Clone 4E1G2]

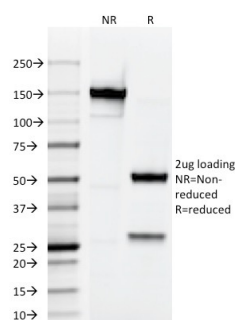
Catalog No	Format	Size
MSM1-250-P0	Purified Ab with BSA and Azide	200ug/ml
MSM1-250-P1	Purified Ab with BSA and Azide	200ug/ml
MSM1-250-P1ABX	Purified Ab WITHOUT BSA and Azide	1.0mg/ml

Applications	Tested Dillution
Immunohistochemistry (IHC)	1-2ug/ml

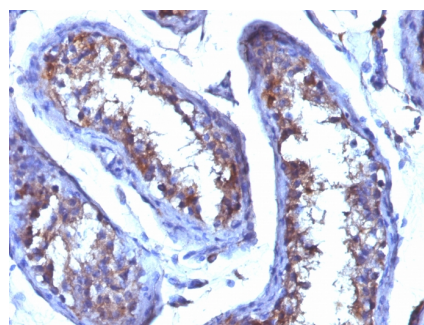
Product Details	
Clone	4E1G2
Gene Name	N/A
Immunogen	Testosterone 3 CMO conjugated to BSA
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG1 / Kappa
Mol. Weight of Antigen	288.42Da
Cellular Localization	N/A
Species Reactivity	All species
Positive Control	Interstitial or Leydid cells in testis.

**Optimal dilution for a specific application should be determined.*

Product Images for Testosterone Antibody



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



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

Specificity & Comments

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

Known Applications & Suggested Dilutions

ELISA (For coating, order Ab 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 95degC followed by cooling at RT for 20 minutes) | Optimal dilution for a specific application should be determined.

Supplied As

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.

Storage and Stability

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.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.

There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.
