

## Product datasheet for **BM2076**

### Testosterone (3-CMO-BSA) Mouse Monoclonal Antibody [Clone ID: 7003]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	7003
Applications:	ELISA, IF, R
Recommended Dilution:	Specific methodologies have not been tested using this product.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Testosterone-3-CMO-BSA.
Specificity:	This antibody detects Testosterone (100%) and 5-alpha-Dihydrotestosterone (6.6%).
Formulation:	0.015M Potassium Phosphate buffer, 0.15M Sodium Chloride, pH 7.2 State: Purified State: Liquid purified Ig fraction Preservative: 0.09% Sodium Azide
Concentration:	lot specific
Purification:	DEAE-Chromatography
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.



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**Background:**

Testosterone is the principal androgen, or male sex hormone. One of the group of compounds known as anabolic steroids, testosterone is secreted by the testes but is also synthesized in small quantities in the ovaries, cortices of the adrenal glands, and placenta, usually from cholesterol. Testosterone is necessary in the fetus for the development of male external genitalia. Testosterone also stimulates protein synthesis and accounts for the greater muscular development of the male. For many years, synthetic steroids similar to testosterone have been used by athletes with the goal of improving performance, although recent medical research has shown that these drugs may have a wide range of harmful side effects