

Anti-Testosterone [3T16] Standard Size Ab00819-8.1

Developed in partnership with Ximbio (www.ximbio.com).

This chimeric rat antibody was made using the variable domain sequences of the original Mouse IgG1 format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Rat IgG2b, Kappa

Clone Number: 3T16

Alternative Name(s) of Target: T-3-CMO; Testosterone-3-carboxy-methyl-oxime

UniProt Accession Number of Target Protein:

Published Application(s): RIA

Published Species Reactivity: Rat, Human

Immunogen: This antibody was raised by immunising mice with testosterone-3-(O-carboxymethyl) oxime conjugated to bovine serum albumin.

Specificity: This antibody is specific for testosterone, and cross-reacts with dihydrotestosterone.

Application Notes: This antibody is routinely used to measure serum and tissue testosterone levels. Wang et al (2015), for example, used this antibody in a radioimmunoassay to quantify serum testosterone in rats.

Antibody First Published in: Fantl & Wang Characterisation of monoclonal antibodies raised against testosterone Journal of Steroid Biochemistry, Volume 19, Issue 5, November 1983, Pages 1605-1610

[PMID:6645496](#)

Note on publication: Describes the original generation of this antibody and characterisation of its binding specificity.

Product Form

Size: 200 µg Purified antibody.

Purification: Protein A affinity purified

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Concentration: 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic

procedures for humans or animals.