

Anti-Testosterone [77 Fab] Standard Size Ab00418-1.4

Recombinant monoclonal antibody to Testosterone. Manufactured using AbAb's Recombinant Platform with variable regions (i.e. specificity) from the Fab 77 Fab. This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

Isotype and Format: Mouse IgG1, Fc Silent™, Kappa

Clone Number: 77 Fab

Alternative Name(s) of Target:

UniProt Accession Number of Target Protein:

Published Application(s): ELISA

Published Species Reactivity:

Immunogen: Testosterone.

Specificity: This antibody binds to testosterone with a Kd of 0.3 nM.

Application Notes: This antibody binds to testosterone, a steroid hormone secreted by the testicles and acts as the principle male sex hormone and anabolic steroid.

Antibody First Published in: Valjakka et al. Crystal structure of an in vitro-affinity- and specificity-matured anti-testosterone Fab in complex with testosterone. Improved affinity results from small structural changes within the variable domains. Journal of Biological Chemistry 2002; 277(46):44021-44027 [PMID:12196551](#)

Note on publication: Describes the generation of a highly specific Fab against testosterone and subsequent crystallisation.

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.