

## Anti-Testosterone [77 Fab] Standard Size Ab00418-10.0

Recombinant monoclonal antibody to Testosterone. Manufactured using AbAb's Recombinant Platform with variable regions (i.e. specificity) from the Fab 77 Fab.

**Isotype and Format:** Human IgG1, 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.