Anti-PSA [scFv B8] Bulk Size Ab00435-10.3-BT

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

This full-length, chimeric human antibody was made using the variable domain sequences of the original Chicken scFv format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Human IgG1, Fc Silent™, Lambda
Clone Number: scFv B8
Alternative Name(s) of Target: KLK3; Human prostate-specific antigen
UniProt Accession Number of Target Protein: P07288
Published Application(s): SPR, WB
Published Species Reactivity: Human
Immunogen: Purified Seminal PSA.
Specificity: This antibody binds to human PSA with low nanomolar affinity.
Application Notes: This antibody binds to human prostate-specific antigen, which hydrolyzes semenogelin-1 triggering the liquifaction of the seminal coagulum.
Antibody First Published in: Conroy et al. Reconciling the structural attributes of avian antibodies. Journal of Biological Chemistry 2014; 289(22):15384-15393 PMID:24737329
Note on publication: Describes the use of phage display libraries to generate chicken antibodies against human cardiac troponin and PSA with subsequent crystallisation.

Product Form

Size: 1 mg Purified antibody in bulk size.
Purification: Protein A affinity purified
Supplied In: PBS only.
Storage Recommendation: Store at 4⁰C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommened this antibody be handled under sterile conditions. For longer storage, aliquot and store at -20⁰C.
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.