

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### p-AR (S650) Peptide

Cat No.: BS4012P

#### Background

Androgens exhibit a wide range of effects on the development, maintenance and regulation of male phenotype and reproductive physiology in males. The androgen receptor (AR) is a member of the steroid superfamily of ligand-dependent transcription factors. ARs bind active testosterone (T) and dihydrotestosterone (DHT). The rates of association and dissociation of T are about 3 times more rapid than those of DHT. This difference in binding kinetics may account for the different physiological effects of T and DHT. Androgen binding results in an at least 6-fold increase in androgen receptor stability.

#### Swiss-Prot

P10275

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS4012 p-AR (S650) pAb.

#### Purification & Purity

Synthetic peptide p-AR (S650). (Note: the amino acid sequence is proprietary). The purity is > 98%.

#### Product

1 mg/ml in DI water.

#### Storage & Stability

Store at 4 °C short term. Aliquot and store at -20 °C long term.

Avoid freeze-thaw cycles.

#### Research Use

For research use only, not for use in diagnostic procedure.

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