Bioworld Technology CO., Ltd.

PSCA (V71) Peptide

Cat No.: BS1301P

Background

Prostate stem cell antigen (PSCA) is a 123 amino acid glycosylated protein that shares homology with the Thy-1/Ly-6 family of glycosyl-phosphatidylinositol GPI)-anchored cell surface antigens. The PSCA gene maps to chromosome 8q24.2 and transcripts are most prevalent in prostate and placenta. The gene encoding c-myc is also located on chromosome 8q and like PSCA, is overexpressed in a large number of prostate cancers. Transcripts for PSCA are also abundant in urothelial tumors, and levels of PSCA transcripts increase in confluent RT112 bladder carcinomas, suggesting that PSCA is a marker for urothelial and gastric tissue carcinogenesis. Among prostate cancer cell surface antigens, PSCA is expressed in over 80% of prostate carcinomas and correlates well to certain prostate cancer phenotypes such as prostate cancer bone metastates.

Swiss-Prot

O43653

Applications

Blocking

Specificity

This peptide can be used with studies using BS1301 PSCA (V71) pAb.

Purification & Purity

Synthetic peptide PSCA (V71). (Note: the amino acid sequence is proprietary). The purity is > 98%.

Product

1 mg/ml in DI water.

Storage & Stability

Store at 4℃ short term. Aliquot and store at -20℃ long term. Avoid freeze-thaw cycles.

Research Use

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

Bioworld Technology, Inc.
1660 South Highway 100, Suite 500 St. Louis Park,MN 55416,USA. **Email: info@bioworlde.com**
Tel: 6123263284 **Fax: 6122933841**

Bioworld technology, co, Ltd.
No 9, weidi road Qixia District Nanjing, 210046, P, R.China. **Email: info@biogot.com**
Tel: +86-025-68037686 **Fax:+86-025-68035151**