

Anti-PSCA Antibody Picoband® FITC Conjugated

Catalog Number: PB9351-FITC

About PSCA

PSCA is also known as PRO232. This gene encodes a glycosylphosphatidylinositol-anchored cell membrane glycoprotein. In addition to being highly expressed in the prostate it is also expressed in the bladder, placenta, colon, kidney, and stomach. This gene is up-regulated in a large proportion of prostate cancers and is also detected in cancers of the bladder and pancreas. This gene includes a polymorphism that results in an upstream start codon in some individuals; this polymorphism is thought to be associated with a risk for certain gastric and bladder cancers. Alternative splicing results in multiple transcript variants.

Overview

Product Name	Anti-PSCA Antibody Picoband® FITC Conjugated
Reactive Species	Human, Mouse, Rat
Application	Recommended applications are based on the parent unconjugated antibody (WB). Customers may select suitable applications according to their experimental needs.
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.02% NaN ₃ .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Rabbit
Uniprot ID	O43653

Technical Details

Immunogen	E.coli-derived human PSCA recombinant protein (Position: L21-S95). Human PSCA shares 66% amino acid (aa) sequence identity with mouse PSCA.
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	FITC Excitation Wavelength: 495 nm Emission Wavelength: 525 nm
Suggested Dilutions	Optimal dilutions should be determined by end users.

2 Publications Citing This Product

1. PubMed ID: 21429770, Zhao Z, Ma W, Zeng G, Qi D, Ou L, Liang Y. Urol Oncol. 2013 Apr;31(3):343-51. Doi: 10.1016/J.Urolonc.2011.02.004. Epub 2011 Mar 23. Small Interference Rna-Mediated Silencing Of Prostate Stem Cell Antigen Attenuates Growth, Reduces Migration And In...

2. PubMed ID: 27001215, PSCA rs2294008 polymorphism contributes to the decreased risk for cervical cancer in a Chinese population

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