



Datasheet for ABIN7093032
anti-PSCA antibody (AA 12-86) (Biotin)



[Go to Product page](#)

1 Image

Overview

| | |
|----------------------|--|
| Quantity: | 100 µg |
| Target: | PSCA |
| Binding Specificity: | AA 12-86 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Monoclonal |
| Conjugate: | This PSCA antibody is conjugated to Biotin |
| Application: | ELISA, Flow Cytometry (FACS) |

Product Details

| | |
|---------------|---|
| Immunogen: | Recombinant human PSCA (Leu12-Ser86) (ABIN6961137) produced by using human HEK293 cells |
| Clone: | DM87 |
| Isotype: | IgG |
| Purification: | Purified from cell culture supernatant by affinity chromatography |

Target Details

| | |
|-------------------|--|
| Target: | PSCA |
| Alternative Name: | PSCA (PSCA Products) |
| Background: | Synonyms:PSCA,UNQ206,PRO232 |

Target Details

Description: 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.

Molecular Weight: 11.9kDa

Gene ID: 8000

UniProt: [O43653](#)

Application Details

Application Notes: ELISA 1/5000-10000, Flow Cyt 1/100

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstitute with deionized water

Buffer: 50 % Glycerol, PBS, pH 7.4, 0.1 % BSA, 0.1 % Procline 300

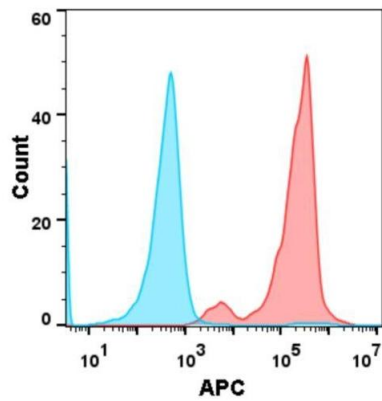
Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).
Lyophilized proteins are shipped at ambient temperature.

Expiry Date: 12 months



Flow Cytometry

Image 1. 1e5 of Expi 293 cell line transfected with human PSCA were stained with 100 μ L of 1:100 diluted Biotinylated Anti-PSCA antibody (DM87), Rabbit mAb (Red histogram) or isotype control (Blue histogram) respectively, washed and then stained with Streptavidin APC. The experimental samples were analyzed by flow cytometry.