

Product Information

Recombinant Anti-Human psca Antibody

Cat. No.: **MOM-18604**

This product is for research use only and is not intended for diagnostic use.

Product Overview

Recombinant Mouse Antibody binds selectively to Human PSCA, expressed in Chinese Hamster Ovary cells(CHO)

Antigen Description

PSCA (Prostate Stem Cell antigen) is a cell surface antigen, which is overexpressed in ~40% of primary prostate cancers and in as many as 100% of metastatic ones. PSCA is also overexpressed in a majority of transitional cell and pancreatic carcinomas. Antibody directed against PSCA inhibits tumorigenesis, slows tumor growth, prolongs survival and prevents metastasis in a preclinical xenograft model indicating that PSCA may have utility as a prognostic marker and/or therapeutic target in prostate cancer.

Specific Activity

Tested positive against native antigen.

Target

PSCA

Immunogen

The details of the immunogen for this antibody are not available.

Source

Mouse

Species Reactivity

Human

Type

IgG

Expression Host

CHO

Purity

>95.0% as determined by Analysis by RP-HPLC & analysis by SDS-PAGE.

Applications

Suitable for use in Neut, ELISA, ICC and most other immunological methods.

Storage

Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C long term. Avoid repeated freeze/thaw cycles.

ANTIGEN GENE INFORMATION

Gene Name

[PSCA prostate stem cell antigen \[Homo sapiens \]](#)

Official Symbol

PSCA

Synonyms

PSCA; prostate stem cell antigen; PRO232;

Gene ID

[8000](#)

mRNA Refseq

[NM_005672](#)

Protein Refseq

[NP_005663](#)

MIM

[602470](#)

UniProt ID

O43653

Chromosome Location

8q24.2