Prostate Stem Cell Antigen (PSCA) Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Prostate Stem Cell Antigen (PSCA), Polyclonal Antibody
Full Product Name	Cy3-Linked Polyclonal Antibody to Prostate Stem Cell Antigen (PSCA)
Product Gene Name	anti-PSCA antibody
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Concentration	>=100ug/ml (lot specific)
Matching Pairs	Unconjugated Antibody: PSCA (MBS2004358) Cy3 Conjugated Antibody: PSCA (MBS2067892)
Matching Pairs	Cy3 Conjugated Antibody: PSCA (MBS2067892) Immunogen: PSCA (MBS2009901)
Molecular Weight	12,912 Da
OMIM	AF043498 mRNA
Supply Chain Verification	Manufactured in a lab with traceable raw materials. Bulk orders can typically be prepared to the customer's specifications, please inquire.
Immunogen	PSCA (Leu22~Ser95)
Conjugation	Cy3
Cross Reactivity	Human
Unconjugated Antibody	The unconjugated antibody version of this item is also available as catalog #MBS2004358
ISO Certification	Manufactured in an ISO 9001:2015 and ISO 13485:2016 Certified Laboratory.
Applications Tested/Suitable for anti-PSCA antibody	Western Blot (WB), Immunocytochemistry (ICC), Immunohistochemistry (IHC) Formalin/Paraffin, ELISA (ELISA)
Related Product Information for anti-PSCA antibody	MBS2067892 is an antibody targeting PSCA. Also known as Cy3-Linked Polyclonal Antibody to Prostate Stem Cell Antigen (PSCA). Reactive in Human. Host: Rabbit.
Other Notes	Small volumes of anti-PSCA antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PSCA. It may not necessarily be applicable to this product.

NCBI GI #	289547757
NCBI GeneID	8000
NCBI Accession #	NP_005663.2
UniProt Secondary Accession #	Q6UW92
UniProt Related Accession #	O43653

GenBank Nucleotide #	NM_005672.4
NCBI Official Full Name	prostate stem cell antigen preproprotein
NCBI Official Synonym Full Names	prostate stem cell antigen
NCBI Official Symbol	PSCA
NCBI Official Synonym Symbols	PRO232
UniProt Protein Name	Prostate stem cell antigen
Protein Family	Penicillin-sensitive carboxypeptidase
UniProt Gene Name	PSCA
NCBI Protein Information	prostate stem cell antigen
NCBI Summary for PSCA	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. [provided by RefSeq, Feb 2010]
UniProt Comments for PSCA	PSCA: May be involved in the regulation of cell proliferation. Has a cell-proliferation inhibition activity in vitro. Protein type: Membrane protein, GPI anchor Chromosomal Location of Human Ortholog: 8q24.3
Research Articles on PSCA	**1.** the results indicated that the PSCA rs2294008 T and rs2976392 A alleles were low-penetrate risk factors for gastric cancer in this study population.
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