

# Product Datasheet

## PSCA Antibody (5C2) - Azide and BSA Free H00008000-M03

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**H00008000-M03**

PSCA Antibody (5C2) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	5C2
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	8000
Gene Symbol	PSCA
Species	Human
Marker	Prostate Stem Cell Marker
Specificity/Sensitivity	PSCA - prostate stem cell antigen
Immunogen	PSCA (NP_005663, 23 a.a. ~ 95 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. CYSCKAQVSNEDCLQVENCTQLGEQCWTARIRAVGLLTVISKGCSLNCVDDSQ DYYVGKKNITCCDLDLCNAS
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Protein Array
Recommended Dilutions	Western Blot, ELISA, Protein Array
Application Notes	Antibody reactivity against Recombinant Protein with GST tag on ELISA and WB. GST tag alone is used as a negative control.

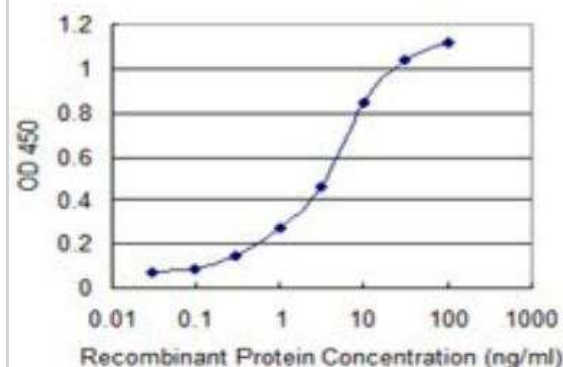


## Images

Western Blot: PSCA Antibody (5C2) [H00008000-M03] - Analysis of PSCA expression in transfected 293T cell line by PSCA monoclonal antibody (M03), clone 5C2. Lane 1: PSCA transfected lysate (12.9 KDa). Lane 2: Non-transfected lysate.



ELISA: PSCA Antibody (5C2) [H00008000-M03] - Detection limit for recombinant GST tagged PSCA is 0.1 ng/ml as a capture antibody.



## Publications

John M, Dileshni T, Anthony P et al. Pre-conditioning Modifies the Tumor Microenvironment to Enhance Solid Tumor CAR T Cell Efficacy and Endogenous Protective Immunity. Mol Ther. 2021-02-27 [PMID: 33647456]

Klee, George G, Vasmatzis, George, Kosari et al. EXTRACELLULAR AND MEMBRANE-ASSOCIATED PROSTATE CANCER MARKERS FreshPatents 2010-02-04 (ELISA, Human)



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### **Products Related to H00008000-M03**

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
H00008000-Q01-10ug	Recombinant Human PSCA GST (N-Term) Protein

### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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