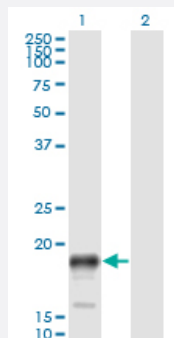


PSCA monoclonal antibody (M02), clone 1E1

Catalog # H00008000-M02

Size 100 ug

Applications

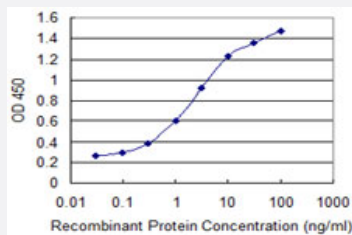


Western Blot (Transfected lysate)

Western Blot analysis of PSCA expression in transfected 293T cell line by PSCA monoclonal antibody (M02), clone 1E1.

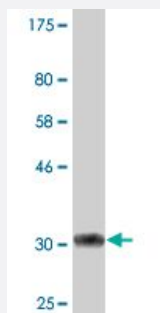
Lane 1: PSCA transfected lysate (12.9 KDa).

Lane 2: Non-transfected lysate.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PSCA is 0.03 ng/ml as a capture antibody.



Western Blot detection against Immunogen (33.77 KDa).

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant PSCA.

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.
Sequence	CYSCKAQVSNEDCLQVENCTQLGECWTARIRAVGLLTVISKGCSLNCVDDSQDYVVGKKNITC CDTDLCNAS
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (66); Rat (68)
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (33.77 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of PSCA expression in transfected 293T cell line by PSCA monoclonal antibody (M02), clone 1E1.

Lane 1: PSCA transfected lysate(12.9 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PSCA is 0.03 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — PSCA

Entrez GeneID	8000
GeneBank Accession#	NM_005672
Protein Accession#	NP_005663
Gene Name	PSCA
Gene Alias	PRO232
Gene Description	prostate stem cell antigen
Omim ID	602470
Gene Ontology	Hyperlink
Gene Summary	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 has a nonsynonymous nucleotide polymorphism at its start codon. [provided by RefSeq]
Other Designations	-

Disease

- [Adenocarcinoma](#)
- [Carcinoma](#)
- [Disease Progression](#)
- [Genetic Predisposition to Disease](#)
- [Intestinal Neoplasms](#)
- [Neoplasms](#)
- [Stomach Neoplasms](#)
- [Urinary Bladder Neoplasms](#)