



Magic™ Anti-PSA monoclonal antibody, clone N2303009 (DCABY-4611)

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

PRODUCT INFORMATION

Antigen Description	Prostate-specific antigen (PSA) is a protein produced by the cells of the prostate gland. PSA is present in small quantities in the serum of men with healthy prostates, but is often elevated in the presence of prostate cancer and in other prostate disorders.
Specificity	PSA
Immunogen	PSA antibody was raised in mouse using Prostate-specific antigen as the immunogen.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	N2303009
Purification	PSA antibody was purified by Ion exchange chromatography.
Conjugate	Unconjugated
Applications	ELISA Pr*, Lateral Flow Pr* Suggested pair for Lateral Flow(Capture - Detection): DCABY-4611 - DCABY-4610
Format	Liquid
Size	1 mg
Buffer	Supplied in PBS with 0.09% sodium azide as preservative
Preservative	0.09% Sodium Azide

Storage	Store at 4 °C for short term storage. For long term storage, aliquot and freeze at -20 °C Avoid repeated freeze/thaw cycles.
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GENE INFORMATION

Gene Name	KLK3 kallikrein-related peptidase 3 [Homo sapiens]
Official Symbol	KLK3
Synonyms	APS; PSA; hK3; KLK2A1; prostate-specific antigen; seminin; P-30 antigen; kallikrein-3; semenogelase; gamma-seminoprotein; prostate specific antigen
Entrez Gene ID	354
Protein Refseq	NP_001025218
UniProt ID	P07288
Chromosome Location	19q13.41
Pathway	Androgen receptor signaling pathway; Coregulation of Androgen receptor activity; FOXA1 transcription factor network; Metabolism of proteins, Pathways in cancer; Prostate Cancer; Regulation of Androgen receptor activity; Regulation of Insulin-like Growth F
Function	protein binding; serine-type endopeptidase activity; serine-type peptidase activity