

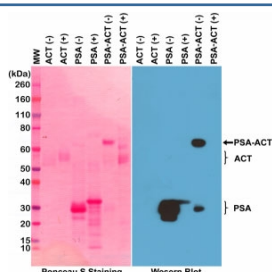
## Prostate Specific Antigen Antibody / PSA [clone RM323] (R20347)

Catalog No.	Formulation	Size
R20347-0.1ML	Antibody in PBS with 50% glycerol, 1% BSA and 0.09% sodium azide	100 ul

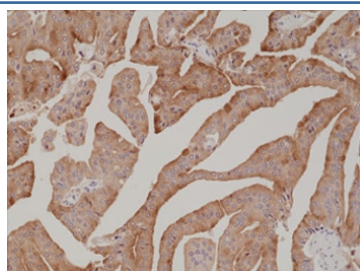
Recombinant **RABBIT MONOCLONAL**

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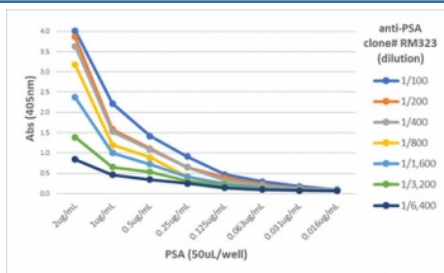
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	RM323
Purity	Protein A purified from animal origin-free supernatant
UniProt	P07288
Applications	Immunohistochemistry (FFPE) : 1:500-1:1000 Western Blot (Non-reduced) : 1:1000-1:2500 ELISA : 1:100-1:5000
Limitations	This recombinant Prostate Specific Antigen antibody is available for research use only.



Western blot testing of PSA (purified from human seminal fluid), ACT (alpha 1-antichymotrypsin, from human plasma), and PSA-ACT complex, under non-reduced(-) or reduced(+) conditions, using recombinant Prostate Specific Antigen antibody at 1:2500.



IHC staining of FFPE human prostate cancer tissue with recombinant Prostate Specific Antigen antibody at 1:1000.



A titer ELISA of PSA (purified from human seminal fluid). The plate was coated with different amounts of PSA. A serial dilution of recombinant Prostate Specific Antigen antibody was used as the primary. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary.

## Description

This antibody reacts to native human PSA (Prostate Specific Antigen), including both free (unbound) form and in a complex with ACT (alpha 1-antichymotrypsin). It may react to reduced PSA at a higher concentration.

## Application Notes

The stated application concentrations are suggested starting points. Titration of the recombinant Prostate Specific Antigen antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

Native PSA protein purified from human seminal fluid was used as the immunogen for the recombinant Prostate Specific Antigen antibody.

## Storage

Store the recombinant Prostate Specific Antigen antibody at -20oC.