

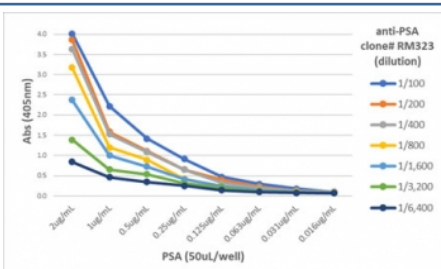
Biotinylated Prostate Specific Antigen Antibody / PSA [clone RM323] (R20347BTN)

Catalog No.	Formulation	Size
R20347BTN-0.05ML	Antibody in PBS with 50% glycerol, 1% BSA and 0.09% sodium azide	50 ul

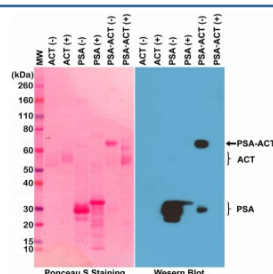
Recombinant **RABBIT MONOCLONAL**

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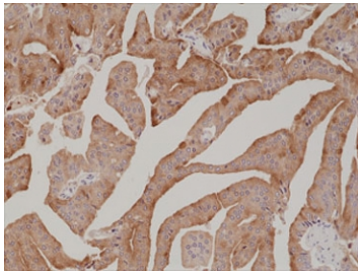
Availability	1-3 business days
Species Reactivity	Human
Format	Biotin Conjugate
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	RM323
Purity	Protein A purified from animal origin-free supernatant
UniProt	P07288
Applications	Immunohistochemistry (FFPE) : 1:500-1:1000 Western Blot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



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.



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.

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 biotinylated 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 biotinylated Prostate Specific Antigen antibody.

Storage

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