

## Product datasheet

# Anti-Prostate Specific Antigen antibody [PS2] (Biotin) ab182030

### 1 References

#### Overview

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<b>Product name</b>	Anti-Prostate Specific Antigen antibody [PS2] (Biotin)
<b>Description</b>	Mouse monoclonal [PS2] to Prostate Specific Antigen (Biotin)
<b>Host species</b>	Mouse
<b>Conjugation</b>	Biotin
<b>Tested applications</b>	<b>Suitable for:</b> Sandwich ELISA, ELISA
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Human PSA antigen purified from seminal plasma.
<b>Epitope</b>	Specific for epitope 3.
<b>General notes</b>	Concentration varies from lot to lot and can be provided on request.

#### Properties

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<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	pH: 7.50 Preservative: 0.05% Sodium azide Constituents: 0.121% Tris, 0.87% Sodium chloride
<b>Purity</b>	Ascites
<b>Purification notes</b>	Purified from ascites.
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	PS2
<b>Myeloma</b>	Sp2/0
<b>Isotype</b>	IgG1

#### Applications

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Our [Abpromise guarantee](#) covers the use of **ab182030** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Sandwich ELISA		Use at an assay dependent concentration. For the detection of total PSA, ab182030 can be used as a capture antibody in conjugation with <a href="#">ab10190</a> or with <a href="#">ab38160</a> (HRP-conjugated version). For the detection of free PSA, <a href="#">ab10189</a> can be used as a capture antibody in conjugation with <a href="#">ab24465</a> .
ELISA		Use at an assay dependent concentration.

## Target

<b>Function</b>	Hydrolyzes semenogelin-1 thus leading to the liquefaction of the seminal coagulum.
<b>Sequence similarities</b>	Belongs to the peptidase S1 family. Kallikrein subfamily. Contains 1 peptidase S1 domain.
<b>Cellular localization</b>	Secreted.

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