Overview

Product name: Anti-Prostate Specific Antigen antibody [3E6]
Description: Mouse monoclonal [3E6] to Prostate Specific Antigen
Host species: Mouse
Tested applications: Suitable for: WB, ELISA, IHC-P, IHC-Fr, Flow Cyt, ICC/IF
Species reactivity: Reacts with: Human
Immunogen: Human Prostate specific Antigen (PSA).
Positive control: Recombinant Human Prostate Specific Antigen protein (denatured) (ab126692) can be used as a positive control in WB. Human prostate tissue; LNCaP cells.

Properties

Form: Liquid
Storage instructions: Shipped at 4°C. Store at -20°C or -80°C. Avoid freeze / thaw cycle. Store undiluted.
Storage buffer: pH: 7.20
Preservative: 0.09% Sodium azide
Constituent: 99% PBS
Clonality: Monoclonal
Clone number: 3E6
Myeloma: Sp2/0-Ag14
Isotype: IgG1
Light chain type: kappa

Applications

Our Abpromise guarantee covers the use of ab140337 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<table>
<thead>
<tr>
<th>Application</th>
<th>Abreviews</th>
<th>Notes</th>
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</thead>
<tbody>
<tr>
<td>WB</td>
<td></td>
<td>Use at an assay dependent concentration. Predicted molecular weight: 29 kDa.</td>
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</table>
Function
Hydrolyzes semenogelin-1 thus leading to the liquefaction of the seminal coagulum.

Sequence similarities
Belongs to the peptidase S1 family. Kallikrein subfamily. Contains 1 peptidase S1 domain.

Cellular localization
Secreted.

ELISA | Abreviews | Notes
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Use at an assay dependent concentration.

IHC-P | Abreviews | Notes
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Use at an assay dependent concentration.

IHC-Fr | Abreviews | Notes
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Use at an assay dependent concentration.

Flow Cyt | Abreviews | Notes
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Use at an assay dependent concentration. 
*ab170190* - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

ICC/IF | Abreviews | Notes
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Use at an assay dependent concentration.

Target

Function
Hydrolyzes semenogelin-1 thus leading to the liquefaction of the seminal coagulum.

Sequence similarities
Belongs to the peptidase S1 family. Kallikrein subfamily. Contains 1 peptidase S1 domain.

Cellular localization
Secreted.

Images

Immunofluorescent analysis of Human LNCaP cells labelling Prostate Specific Antigen (PSA) with *ab140337* at dilution 1/100.

Immunocytochemistry/ Immunofluorescence - Anti-Prostate Specific Antigen antibody [3E6] (ab140337)
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Prostate Specific Antigen antibody [3E6] (ab140337)

Immunohistochemical analysis of paraffin-embedded Human prostate tissue labelling Prostate Specific Antigen (PSA) with ab140337 at dilution 1/100

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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