Product datasheet

Anti-Prostate Specific Antigen antibody [3E6] ab140337

Overview

Product name Anti-Prostate Specific Antigen antibody [3E6]
Description Mouse monoclonal [3E6] to Prostate Specific Antigen
Host species Mouse
Tested applications Suitable for: IHC-P, ICC/IF
Species reactivity Reacts with: Human
Immunogen Recombinant full length protein corresponding to Human Prostate Specific Antigen aa 1-300. Derived by fusion of SP2/0-Ag14 Mouse myeloma cells with spleen cells from a Mouse immunized with Human Prostate specific Antigen (PSA).
Database link: P07288
Positive control Recombinant Human Prostate Specific Antigen protein (denatured) (ab126692) can be used as a positive control in WB. Human prostate tissue; LNCaP cells.

General notes

The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.

If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

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

**The Abpromise guarantee**  
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.

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<td>Use at an assay dependent concentration.</td>
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<td>ICC/IF</td>
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<td>Use at an assay dependent concentration.</td>
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### 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.
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. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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