

Datasheet for ABIN910489

**anti-SPDEF/PSE antibody (AA 251-335) (AbBy Fluor® 647)**[Go to Product page](#)

## Overview

|                      |                                                                                                                                |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                                         |
| Target:              | SPDEF/PSE (SPDEF)                                                                                                              |
| Binding Specificity: | AA 251-335                                                                                                                     |
| Reactivity:          | Human, Mouse, Rat                                                                                                              |
| Host:                | Rabbit                                                                                                                         |
| Clonality:           | Polyclonal                                                                                                                     |
| Conjugate:           | This SPDEF/PSE antibody is conjugated to AbBy Fluor® 647                                                                       |
| Application:         | Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

## Product Details

|                       |                                                          |
|-----------------------|----------------------------------------------------------|
| Immunogen:            | KLH conjugated synthetic peptide derived from human PDEF |
| Isotype:              | IgG                                                      |
| Cross-Reactivity:     | Human, Mouse, Rat                                        |
| Predicted Reactivity: | Dog,Cow,Horse,Chicken,Rabbit                             |
| Purification:         | Purified by Protein A.                                   |

## Target Details

|                   |                                               |
|-------------------|-----------------------------------------------|
| Target:           | SPDEF/PSE (SPDEF)                             |
| Alternative Name: | Pdef/Spdef ( <a href="#">SPDEF Products</a> ) |

## Target Details

|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Background: | <p>Synonyms: bA375E1.3, PDEF, Prostate derived Ets factor, PROSTATE EPITHELIUM SPECIC ETS TRANSCRIPTION FACTOR, Prostate epithelium-specific Ets transcription factor, Prostate specic Ets, Prostate-derived Ets factor, Prostate-specific Ets, PSE, RP11-375E1__A.3, SAM POINTED DOMAIN CONTAINING ETS TRANSCRIPTION FACTOR, SAM pointed domain-containing Ets transcription factor, Spdef, SPDEF_HUMAN.</p> <p>Background: SPDEF, also known as PDEF is an ETS transcription factor expressed in the prostate epithelial cells. It is thought to act as an androgen-independent transactivator of the prostate-specific antigen (PSA) promoter and also as a transcriptional activator for the SERPINB5 promoter. It is highly expressed in prostate carcinoma cells and is thought to be involved in the regulation of the prostate gland and/or prostate cancer development. It is also expressed in epithelial breast carcinoma.</p> |
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| Gene ID: | 25803 |
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## Application Details

|                    |                                                                              |
|--------------------|------------------------------------------------------------------------------|
| Application Notes: | FCM 1:20-100<br>IF(IHC-P) 1:50-200<br>IF(IHC-F) 1:50-200<br>IF(ICC) 1:50-200 |
| Restrictions:      | For Research Use only                                                        |

## Handling

|                    |                                                                                                                    |
|--------------------|--------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                             |
| Concentration:     | 1 µg/µL                                                                                                            |
| Buffer:            | Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.        |
| Preservative:      | ProClin                                                                                                            |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage:           | -20 °C                                                                                                             |
| Storage Comment:   | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.                                  |
| Expiry Date:       | 12 months                                                                                                          |