



[Go to Product page](#)

Datasheet for ABIN735596

## anti-SPDEF/PSE antibody (AA 251-335) (Cy3)

### 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 Cy3
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

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**Background:** 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.

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.

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**Gene ID:** 25803

## Application Details

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**Application Notes:** FCM 1:20-100  
IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

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**Concentration:** 1 µg/µL

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**Buffer:** Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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**Preservative:** ProClin

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**Precaution of Use:** This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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**Storage:** -20 °C

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**Storage Comment:** Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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**Expiry Date:** 12 months