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Datasheet for ABIN701969  
**anti-PLEC antibody (AA 4451-4550) (Cy5)**

### Overview

Quantity:	100 µL
Target:	PLEC
Binding Specificity:	AA 4451-4550
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PLEC antibody is conjugated to Cy5
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Plectin
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Dog,Cow,Horse
Purification:	Purified by Protein A.

### Target Details

Target:	PLEC
Alternative Name:	Plectin ( <a href="#">PLEC Products</a> )
Background:	Synonyms: EBS1, EBSO, HD1, Hemidesmosomal protein 1, PCN, PLEC1, PLEC1b, Plectin 1

## Target Details

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plectin 1 intermediate filament binding protein 500 kDa, Plectin 6, PLTN.

Background: Plectin interlinks intermediate filaments with microtubules and microfilaments and anchors intermediate filaments to desmosomes or hemidesmosomes. Could also bind muscle proteins such as actin to membrane complexes in muscle. May be involved not only in the crosslinking and stabilization of cytoskeletal intermediate filaments network, but also in the regulation of their dynamics.

## Application Details

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Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

Restrictions: For Research Use only

## Handling

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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