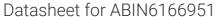
antibodies -online.com





anti-Plakophilin 1 antibody (N-Term) (CF®647)



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Quantity:	100 μL
Target:	Plakophilin 1 (PKP1)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Plakophilin 1 antibody is conjugated to CF®647
Application:	Western Blotting (WB), Immunofluorescence (IF), Flow Cytometry (FACS)

Product Details

Purpose:	Mouse Monoclonal anti-Plakophilin-1 (10B2), CF647 Conjugate	
Immunogen:	N-terminus of human Plakophilin-1 protein (exact sequence is proprietary)	
Clone:	10B2	
Isotype:	lgG1	
Characteristics:	This antibody recognizes a protein of 75 kDa, identified as Plakophilin-1. Its epitope maps	

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between aa 1-27 human Plakophilin-1. Plakophilins 1, 2, 3 and 4 (PKP1-4) influence development and participate in linking cadherins to cytoskeletal intermediate filaments. Plakophilins 1-4 contain arm-repeat (armadillo) domains and localize to nuclei and cell desmosomes (cell-cell junctions found in suprabasal layers of stratifying epithelia that undergo mechanical stress). Plakophilin 2 is important for desmosome assembly and is an essential morphogenic factor and architectural component of the heart. Primary antibodies are available

Product Details

purified, or with a selection of fluorescent CF® dyes and other labels. CF® dyes offer exceptional brightness and photostability. Note: Conjugates of blue fluorescent dyes like CF®405S and CF®405M are not recommended for detecting low abundance targets, because blue dyes have lower fluorescence and can give higher non-specific background than other dye colors.

Target Details

Target:	Plakophilin 1 (PKP1)
Alternative Name:	Plakophilin-1 (PKP1 Products)
Background:	B6P, B, 6 protein, PKP1, Plakophilin-1 (ectodermal dysplasia/skin fragility syndrome)
Molecular Weight:	75 kDa
Gene ID:	5317, 497350
UniProt:	Q13835

Application Details

App	lication	Notes:

Flow Cytometry 0.5-1 µg/million cells/0.1 mL

- Immunofluorescence 1-2 μg/mL
- Western blotting 0.5-1 μg/mL
- · Optimal dilution for a specific application should be determined by user

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Restrictions:

For Research Use only

Handling

Format:	Liquid
Concentration:	100 μg/mL
Buffer:	PBS/0.1 % BSA/0.05 % azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Protect from light