

Datasheet for ABIN6180150
anti-P-Cadherin antibody (CF®405S)



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Overview

Quantity:	100 µL
Target:	P-Cadherin (CDH3)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This P-Cadherin antibody is conjugated to CF®405S
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (IF)

Product Details

Purpose:	Mouse Monoclonal anti-P-Cadherin (12H6), CF405S Conjugate
Immunogen:	Recombinant human full-length P-cadherin fusion protein
Clone:	12H6
Isotype:	IgG1 kappa
Characteristics:	This antibody recognizes a protein of 116 kDa, identified as P-Cadherin-1 (CDH3). It is a calcium-dependent cell-cell adhesion glycoprotein comprised of five extracellular cadherin repeats, a transmembrane region and a highly conserved cytoplasmic tail. This gene is located in a six-cadherin cluster in a region on the long arm of chromosome 16 that is involved in loss of heterozygosity events in breast and prostate cancer. In addition, aberrant expression of this protein is observed in cervical adenocarcinomas. Mutations in this gene have been associated with congenital hypotrichosis with juvenile macular dystrophy. Primary antibodies are available purified, or with a selection of fluorescent CF® dyes and other labels. CF® dyes offer

Product Details

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:	P-Cadherin (CDH3)
Alternative Name:	P-Cadherin (CDH3 Products)
Background:	Cadherin 3 type 1, Cadherin-3, Cadp, Calcium dependent adhesion protein placental, CDH3, CDHP, HJMD, P-cadherin (Placental), PCAD, Placental cadherin
Molecular Weight:	116 kDa
Gene ID:	1001, 191842
UniProt:	P22223

Application Details

Application 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
Comment:	A431 or PC-3 cells. Pancreas, Placenta or Prostate
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