

Datasheet for ABIN6936895 **anti-P-Cadherin antibody**



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	P-Cadherin (CDH3)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This P-Cadherin antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant human P-cadherin fusion protein
Clone:	12H6
Isotype:	IgG1 kappa
Specificity:	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.
Cross-Reactivity (Details):	Human.
Purification:	1.0mg/ml of Ab purified from Bioreactor by Protein A/G.

Target Details

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

Application Details

Application Notes:	Known_Application: Flow Cytometry (1-2 µg/million cells), Immunofluorescence (1-2 µg/mL), Western Blot (1-2 µg/mL) Optimal dilution for a specific application should be determined. Positive_Control: A431 or PC-3 cells. Pancreas, Placenta or Prostate.
Restrictions:	For Research Use only

Handling

Concentration:	1.0 mg/mL
Buffer:	Prepared in 10 mM PBS, WITHOUT BSA and Azide.
Preservative:	Azide free
Storage:	-20 °C,-80 °C
Storage Comment:	Antibody without azide store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous.
Expiry Date:	24 months