

Datasheet for ABIN6939015
anti-P-Cadherin antibody[Go to Product page](#)

1 Image

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
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:	200µg/ml of Ab Purified from Bioreactor Concentrate by Protein A/G.

Target Details

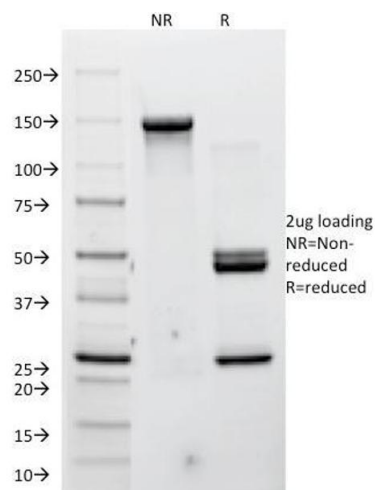
Target:	P-Cadherin (CDH3)
Alternative Name:	CDH3 (CDH3 Products)
Background:	Cadherin 3 type 1, Cadherin-3, Cadp, Calcium dependent adhesion protein placental, CDH3, CDHP, HJMD, P-cadherin (Placental), PCAD, Placental cadherin, P-Cadherin (CDH3) Cellular localisation: Cell surface
Molecular Weight:	116kDa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

Application Details

Application Notes:	Positive Control: A431 or PC-3 cells. Pancreas, Placenta or Prostate. 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.
Restrictions:	For Research Use only

Handling

Concentration:	200 µg/mL
Buffer:	Prepared in 10 mM PBS with 0.05 % BSA and 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.
Storage:	4 °C, -80 °C
Storage Comment:	Antibody with azide - store at 2 to 8 °C. Antibody is stable for 24 months. Non-hazardous. Also available WITHOUT BSA & azide at 1.0mg/ml.
Expiry Date:	24 months



SDS-PAGE

Image 1. SDS-PAGE Analysis Purified P-Cadherin Mouse Monoclonal Antibody (12H6). Confirmation of Integrity and Purity of Antibody.