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**Product Name:** pan Cadherin Rabbit Monoclonal Antibody**Catalog #:** AMRe87400

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC,ICC/IF
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:2000,IHC 1:100-1:200,ICC/IF 1:20-1:50
<b>Molecular Weight</b>	Calculated MW:91 kDa; Observed MW:120 kDa

**Antigen Information**

<b>Gene Name</b>	pan Cadherin
<b>Alternative Names</b>	CDHP; HJMD; PCAD
<b>Gene ID</b>	1001
<b>SwissProt ID</b>	P22223
<b>Immunogen</b>	Recombinant protein of human P cadherin

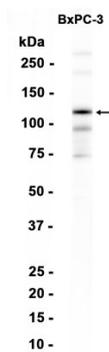
**Background**

This gene encodes a classical cadherin of the cadherin superfamily. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein that is proteolytically processed to generate the mature glycoprotein. This calcium-

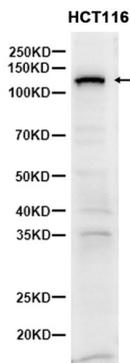
dependent cell-cell adhesion protein is comprised of five extracellular cadherin repeats, a transmembrane region and a highly conserved cytoplasmic tail. This gene is located in a gene cluster in a region on the long arm of chromosome 16 that is involved in loss of heterozygosity events in breast and prostate cancer. In addition, aberrant expression of this protein is observed in cervical adenocarcinomas. Mutations in this gene are associated with hypotrichosis with juvenile macular dystrophy and ectodermal dysplasia, ectrodactyly, and macular dystrophy syndrome (EEMS). [provided by RefSeq, Nov 2015]

## Research Area

## Image Data



Western blot analysis of extracts from BxPC-3 cells using pan Cadherin Rabbit Monoclonal Antibody at 1:1000.



Western blot analysis of extracts from HCT116 cells using AMRe87400 at 1:1000.