

Datasheet for ABIN544039

**anti-Cadherin 9 antibody (C-Term)**[2 Images](#)[2 Publications](#)[Go to Product page](#)

## Overview

Quantity:	400 µL
Target:	Cadherin 9 (CDH9)
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Cadherin 9 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

## Product Details

Purpose:	Rabbit polyclonal antibody raised against synthetic peptide of CDH9.
Immunogen:	A synthetic peptide (conjugated with KLH) corresponding to C-terminus of human CDH9.
Cross-Reactivity:	Human

## Target Details

Target:	Cadherin 9 (CDH9)
Alternative Name:	Cadherin-9 ( <a href="#">CDH9 Products</a> )
Gene ID:	1007
Pathways:	<a href="#">Cell-Cell Junction Organization</a>

## Application Details

Application Notes:	Western Blot (1:1000) Flow cytometry (1:10-50) The optimal working dilution should be determined by the end user.
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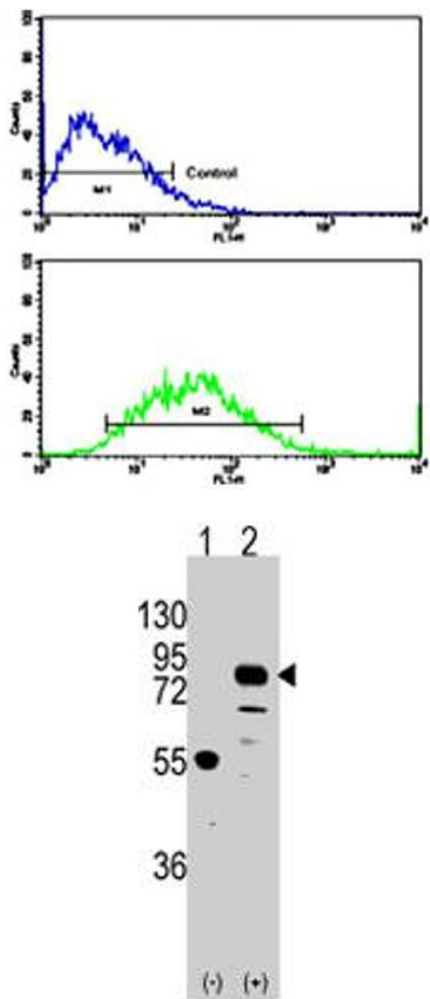
Restrictions:	For Research Use only
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## Handling

Format:	Liquid
Buffer:	In PBS (0.09 % sodium 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,-20 °C
Storage Comment:	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

## Publications

Product cited in:	Shimoyama, Tsujimoto, Kitajima, Natori: "Identification of three human type-II classic cadherins and frequent heterophilic interactions between different subclasses of type-II classic cadherins." in: <b>The Biochemical journal</b> , Vol. 349, Issue Pt 1, pp. 159-67, (2001) ( <a href="#">PubMed</a> ).  Nollet, Kools, van Roy: "Phylogenetic analysis of the cadherin superfamily allows identification of six major subfamilies besides several solitary members." in: <b>Journal of molecular biology</b> , Vol. 299, Issue 3, pp. 551-72, (2000) ( <a href="#">PubMed</a> ).
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### Flow Cytometry

**Image 1.** Flow cytometric analysis of MCF-7 cells using CDH9 polyclonal antibody (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

### Western Blotting

**Image 2.** Western blot analysis of CDH9 (arrow) using rabbit CDH9 polyclonal antibody . 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the CDH9 gene (Lane 2) (Origene Technologies).