

Datasheet for ABIN544092

anti-Cadherin 7 antibody (N-Term)

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Overview

Quantity:	400 µL
Target:	Cadherin 7 (CDH7)
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Cadherin 7 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Rabbit polyclonal antibody raised against synthetic peptide of CDH7.
Immunogen:	A synthetic peptide (conjugated with KLH) corresponding to N-terminus of human CDH7.
Cross-Reactivity:	Human

Target Details

Target:	Cadherin 7 (CDH7)
Alternative Name:	Cadherin-7 (CDH7 Products)
Gene ID:	1005
Pathways:	Cell-Cell Junction Organization

Application Details

Application Notes:	Western Blot (1:1000) Immunohistochemistry (1:10-50) 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

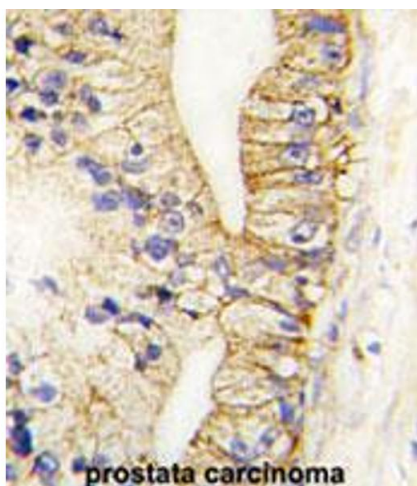
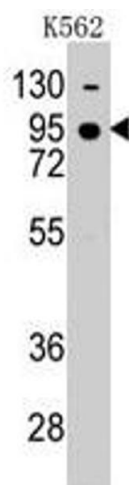
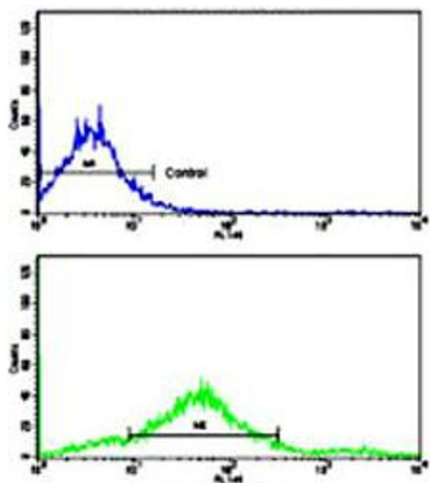
Format:	Liquid
Buffer:	In PBS (0.09 % sodium azide)
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

Publications

Product cited in:	Moore, Champeval, Denat, Tan, Faure, Julien-Grille, Larue: "Involvement of cadherins 7 and 20 in mouse embryogenesis and melanocyte transformation." in: Oncogene , Vol. 23, Issue 40, pp. 6726-35, (2004) (PubMed).
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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: **The Biochemical journal**, Vol. 349, Issue Pt 1, pp. 159-67, (2001) ([PubMed](#)).

Kools, Van Imschoot, van Roy: "Characterization of three novel human cadherin genes (CDH7, CDH19, and CDH20) clustered on chromosome 18q22-q23 and with high homology to chicken cadherin-7." in: **Genomics**, Vol. 68, Issue 3, pp. 283-95, (2000) ([PubMed](#)).



Flow Cytometry

Image 1. Flow cytometric analysis of NCI-H292 cells using CDH7 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 CDH7 polyclonal antibody in K-562 cell line lysates (35 ug/lane). CDH7 (arrow) was detected using the purified polyclonal antibody.

Immunohistochemistry

Image 3. Formalin-fixed and paraffin-embedded human prostate carcinoma reacted with CDH7 polyclonal antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.