

RecomAb™

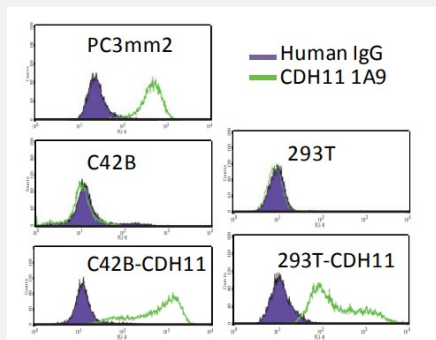
HuAb

CDH11 humanized monoclonal antibody, clone 1A9

Catalog # RAB01070-M01J

Size 50 ug

Applications



Flow Cytometry

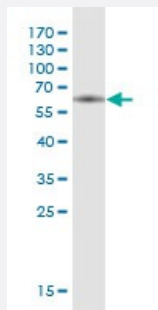
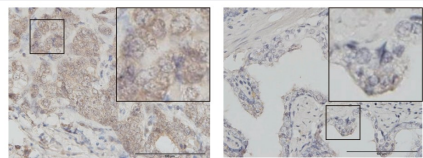
Flow cytometric analysis of various prostate cancer cell lines were treated with CDH11 humanized monoclonal antibody, clone 1A9 (Cat # RAB01070-M01J).

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of various tissues with CDH11 humanized monoclonal antibody, clone 1A9 (Cat # RAB01070-M01J)

(Left) Breast tumor

(Right) Prostate tumor



Specification

Product Description

Humanized recombinant monoclonal antibody raised against CDH11.

Antibody Species	Human
Immunogen	CDH11 recombinant protein
Reactivity	Human
Form	Liquid
Purification	Protein A sepharose
Isotype	Human IgG1
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In PBS, pH 7.4
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Flow Cytometry

Flow cytometric analysis of various prostate cancer cell lines were treated with CDH11 humanized monoclonal antibody, clone 1A9 (Cat # RAB01070-M01J).

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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(Right) Prostate tumor

[Protocol Download](#)

- ELISA

Gene Info — CDH11

Entrez GeneID [1009](#)

Gene Name CDH11

Gene Alias	CAD11, CDHOB, OB, OSF-4
Gene Description	cadherin 11, type 2, OB-cadherin (osteoblast)
Omim ID	600023
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a type II classical cadherin from the cadherin superfamily, integral membrane proteins that mediate calcium-dependent cell-cell adhesion. Mature cadherin proteins are composed of a large N-terminal extracellular domain, a single membrane-spanning domain, and a small, highly conserved C-terminal cytoplasmic domain. Type II (atypical) cadherins are defined based on their lack of a HAV cell adhesion recognition sequence specific to type I cadherins. Expression of this particular cadherin in osteoblastic cell lines, and its upregulation during differentiation, suggests a specific function in bone development and maintenance. [provided by RefSeq]
Other Designations	OB-cadherin cadherin 11, type 2 cadherin-11 osteoblast cadherin

Disease

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- [Metabolic Syndrome X](#)
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