# CDH11 Antibody

Catalog No: #48405

Package Size: #48405-1 50ul #48405-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

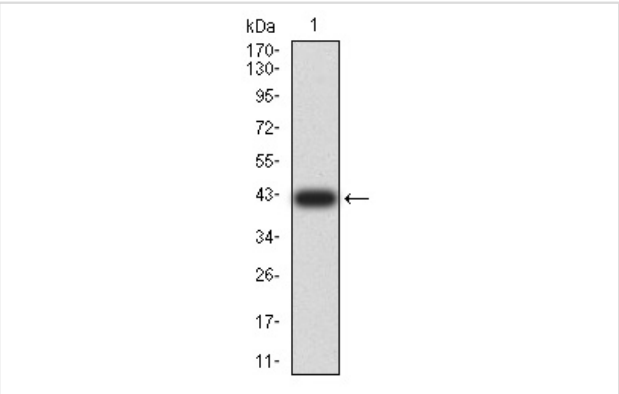
## Description

| | |
|---|---|
| Product Name | CDH11 Antibody |
| Host Species | Mouse |
| Clonality | Monoclonal |
| Clone No. | A6-C12 |
| Purification | ProA affinity purified |
| Applications | WB, ICC, IHC, FC |
| Species Reactivity | Hu |
| Immunogen Description | Recombinant protein |
| Other Names | CAD11 antibody CAD11_HUMAN antibody Cadherin 11 antibody Cadherin 11 type 2 antibody Cadherin 11 type 2 OB cadherin (osteoblast) antibody Cadherin-11 antibody Cdh11 antibody CDHOB antibody OB antibody OB-cadherin antibody OBcadherin antibody OSF-4 antibody OSF4 antibody Osteoblast cadherin antibody |
| Accession No. | Swiss-Prot#:P55287 |
| Uniprot | P55287 |
| GeneID | 1009; |
| Calculated MW | 88 kDa |
| Formulation | 1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide. |
| Storage | Store at -20°C |

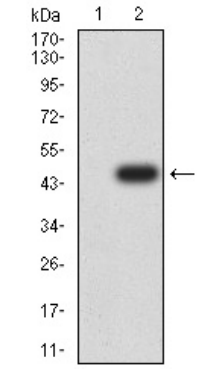
## Application Details

WB: 1:500-1:2,000IHC: 1:50-1:200 ICC: 1:50-1:200FC: 1:50-1:100

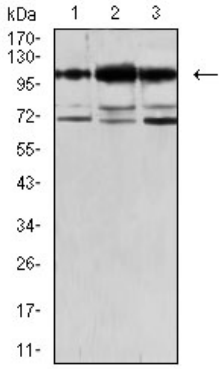
## Images



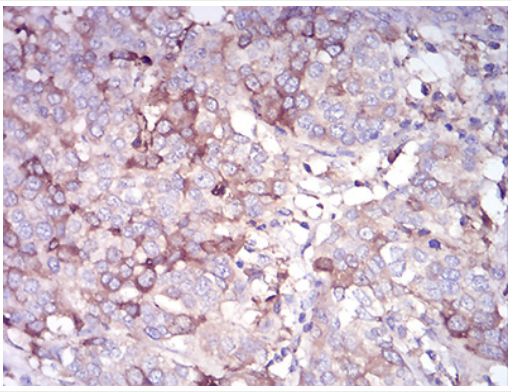

Western blot analysis of CDH11 on human CDH11 recombinant protein using anti-CDH11 antibody at 1/1,000 dilution.



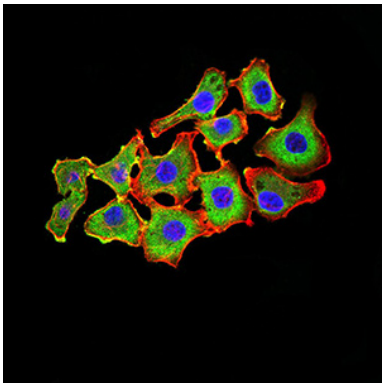

Western blot analysis of CDH11 on HEK293 (1) and CDH11-hIgGFc transfected HEK293 (2) cell lysate using anti-CDH11 antibody at 1/1,000 dilution.



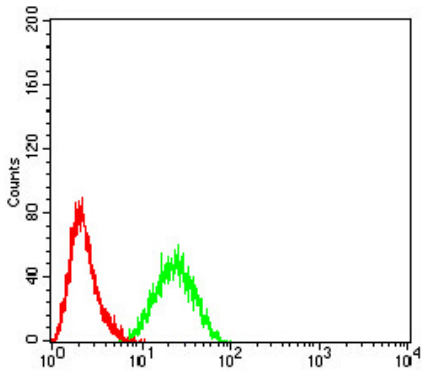

Western blot analysis of CDH11 on MCF-7 (1), Jurkat (2) and HEK293 (3) cell lysate using anti-CDH11 antibody at 1/1,000 dilution.



Immunohistochemical analysis of paraffin-embedded human bladder cancer tissue using anti-CDH11 antibody. Counter stained with hematoxylin.



ICC staining CDH11 (green) and Actin filaments (red) in HL-7702 cells. The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.




Flow cytometric analysis of Hela cells with CDH11 antibody at 1/100 dilution (green) compared with an unlabelled control (cells without incubation with primary antibody; red).

## Background

Cadherins are calcium dependent cell adhesion proteins,  a family of Ca++-dependent adhesion molecules that influence cell-cell binding and are critical to the maintenance of tissue structure and morphogenesis. OB-cadherin (osteoblast-cadherin, cadherin-11, OSF-4) has two forms, OB-cadherin-1 and OB-cadherin-2. OB-cadherin-2 has a truncated cytoplasmic domain, missing amino acids 694-796. Both OB-cadherins are expressed in osteoblastic cell lines with low expression seen in lungs, testis and brain. They preferentially interact with themselves in a homophilic manner in connecting cells; cadherins may thus contribute to the sorting of heterogeneous cell types

## References

Note: This product is for in vitro research use only