

## Anti-CDH11 Antibody (6T438)

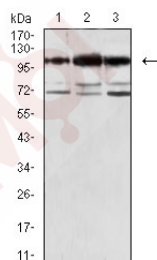
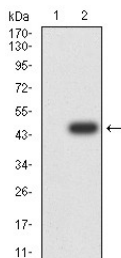
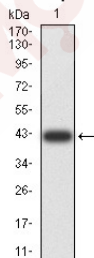
### Product Details

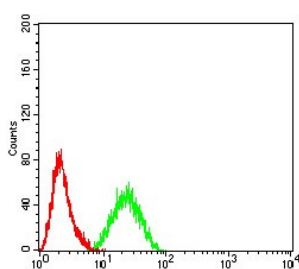
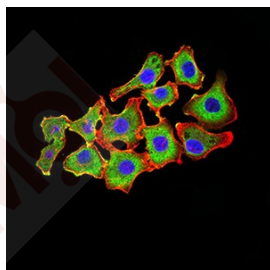
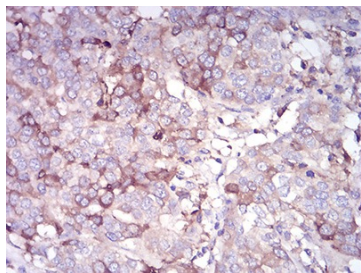
Reactivity:	Human
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 88 kDa.
Clone:	6T438
Purification:	ProA affinity purified

### Applications

1. Western blot analysis of CDH11 on human CDH11 recombinant protein using anti-CDH11 antibody at 1/1,000 dilution.
2. Western blot analysis of CDH11 on HEK293 (1) and CDH11-hlgGfc transfected HEK293 (2) cell lysate using anti-CDH11 antibody at 1/1,000 dilution.
3. 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.
4. Immunohistochemical analysis of paraffin-embedded human bladder cancer tissue using anti-CDH11 antibody. Counter stained with hematoxylin.
5. 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.
6. 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).

Verified Activity:





Application: FCM, ICC, IHC, WB

Recommended WB: 1:500-2000; IHC: 1:50-200; ICC: 1:50-200; FCM: 1:50-100

### Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

### Antigen Details

Immunogen: Recombinant Protein

Uniprot ID: P55287

Synonyms: Cadherin 11 type 2 OB cadherin (osteoblast); CDHOB; OB; OBcadherin; Cdh11; Cadherin 11; Osteoblast cadherin; CAD11; OB-cadherin; OSF-4; Cadherin 11 type 2; OSF4

### Research Background

Cadherins are calcium dependent cell adhesion proteins, a family of Ca<sup>++</sup>-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

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481