

## Mouse Monoclonal Antibody to CDH11

<b>Catalogue Number</b>	sAP-1335
<b>Target Molecule</b>	<p><b>Name:</b> CDH11</p> <p><b>Aliases:</b> OB; CAD11; CDHOB; OSF-4</p> <p><b>MW:</b> 88kDa</p> <p><b>Entrez Gene ID:</b> 1009</p>
<b>Description</b>	<p>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. ;</p>
<b>Immunogen</b>	Purified recombinant fragment of human CDH11 (AA: 468-617) expressed in E. Coli.
<b>Reactive Species</b>	Human;
<b>Clone</b>	MM2C12A6;
<b>Size and Concentration</b>	100µg/1mg/ml
<b>Supplied as</b>	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
<b>Reconstitution/Storages</b>	Reconstituted with 100µl sterile DI H <sub>2</sub> O, at stored at 4°C or -20°C for short or long term storage
<b>Applications</b>	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000; ICC: 1 to 200 - 1 to 1000; FCM: 1 to 200 - 1 to 400
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	1.Arthritis Rheumatol. 2014 Apr;66(4):1010-21. ; 2.Mol Cancer Res. 2012 Mar;10(3):293-304. ;

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**