

## Mouse Monoclonal Antibody to CDH11

Catalogue Number	sAP-1335
Target Molecule	<b>Name:</b> CDH11 <b>Aliases:</b> OB; CAD11; CDHOB; OSF-4 <b>MW:</b> 88kDa <b>Entrez Gene ID: 1009</b>
Description	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. ;
Immunogen	Purified recombinant fragment of human CDH11 (AA: 468-617) expressed in E. Coli.
Reactive Species	Human;
Clone	MM2C12A6;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
Reconstitution/Storages	Reconstituted with 100µl sterile DI H2O, at stored at 4°C or -20°C for short or long term storage
Applications	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
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	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**