

Mouse Monoclonal Antibody to BMP7

Catalogue Number	sAP-1212
Target Molecule	<p>Name: BMP7</p> <p>Aliases: OP-1</p> <p>MW: 49.3kDa</p> <p>Entrez Gene ID: 655</p>
Description	<p>The bone morphogenetic proteins (BMPs) are a family of secreted signaling molecules that can induce ectopic bone growth. Many BMPs are part of the transforming growth factor-beta (TGFB) superfamily. BMPs were originally identified by an ability of demineralized bone extract to induce endochondral osteogenesis in vivo in an extraskeletal site. Based on its expression early in embryogenesis, the BMP encoded by this gene has a proposed role in early development and possible bone inductive activity. ;</p>
Immunogen	Purified recombinant fragment of human BMP7 (AA: 239-431) expressed in E. Coli.
Reactive Species	Human; Mouse;
Clone	MM6E5D12;
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 H ₂ O, 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: ; FCM: 1 to 200 - 1 to 400
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1.Immunol Cell Biol. 2014 May-Jun;92(5):427-35. ; 2.J Exp Med. 2013 Nov 18;210(12):2597-610.;

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**