

Mouse Monoclonal Antibody to TNFRSF11B

Catalogue Number	sAP-0477
Target Molecule	Name: TNFRSF11B Aliases: OPG; TR1; OCIF; MGC29565; TNFRSF11B MW: 60kDa Entrez Gene ID: 4982
Description	The protein encoded by this gene is a member of the TNF-receptor superfamily. This protein is an osteoblast-secreted decoy receptor that functions as a negative regulator of bone resorption. This protein specifically binds to its ligand, osteoprotegerin ligand, both of which are key extracellular regulators of osteoclast development. Studies of the mouse counterpart also suggest that this protein and its ligand play a role in lymph-node organogenesis and vascular calcification. Alternatively spliced transcript variants of this gene have been reported, but their full length nature has not been determined.
Immunogen	Purified recombinant fragment of human TNFRSF11B expressed in E. Coli.
Recombinant Species	Human
Clone	MM5G2;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% 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; ICC: 1 to 200 - 1 to 1000; FCM: 1 to 200 - 1 to 400
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Am J Hypertens. 2009 Nov;22(11):1167-70. ; 2. Am J Hum Genet. 2009 Nov;85(5):628-42.

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**