

## Mouse Monoclonal Antibody to TNFRSF11B

**Catalogue Number** sAP-0488

**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.

**Reactive Species** Human

**Clone** MM5A11;

**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 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

**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**