



Category: Monoclonal Antibodies
Product Name: Mouse Monoclonal Antibody to TNFRSF11B

Catalog Number: MAB-606030136

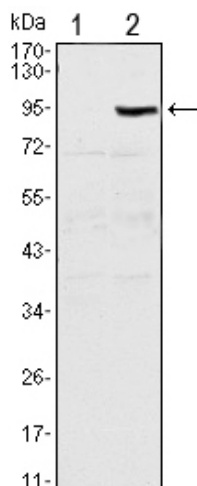


Figure 1: Western blot analysis using TNFRSF11B mAb against HEK293 (1) and TNFRSF11B-hIgGFc transfected HEK293 (2) cell lysate.

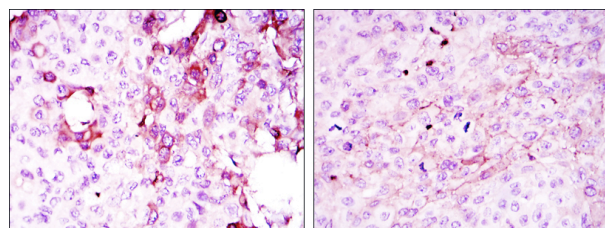


Figure 2: Immunohistochemical analysis of paraffin-embedded mammary cancer tissues (left) and lung cancer tissues (right) using TNFRSF11B mouse mAb with DAB staining.

Lot#:
Clone#: 5A11
Host and isotype: Mouse IgG1
Size: 0.1ml
MW: 60kDa
Aliases: OPG; TR1; OCIF;
MGC29565; TNFRSF11B
Entrez Gene: 4982
Species reactivity: Human

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.

Application Western Blotting: 1/500 - 1/2000.
Immunohistochemistry: 1/200 - 1/1000.
ELISA: Propose dilution 1/10000.
Not yet tested in other applications.
Determining optimal working dilutions by titration test.

Formulation Ascitic fluid containing 0.03% sodium azide.

Storage Store at 4iæ, for long term storage, store at -20iæ.

Related product References 1. Am J Hypertens. 2009 Nov;22(11):1167-70.
2. Am J Hum Genet. 2009 Nov;85(5):628-42.

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