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TNFRSF11B Rabbit pAb

Catalog No.: A2100

23 Publications

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Basic Information

Observed MW
48 kDa

Calculated MW
46 kDa

Category
Polyclonal Antibodies

Applications
WB, IF/ICC, IF-P, ELISA

Cross Reactivity
Human, Mouse, Rat

Background

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.

Recommended Dilutions

WB	1:500 - 1:1000
IF/ICC	1:200 - 1:600
IF-P	1:50 - 1:200

ELISA
Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
4982

Swiss-Prot
O00300

Immunogen
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms
OPG; TR1; OCIF; PDB5; TNFRSF11B

Contact

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Product Information

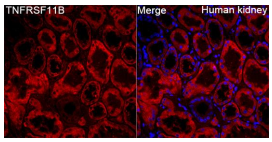
Source
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Isotype
IgG

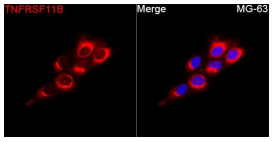
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Affinity purification

Storage
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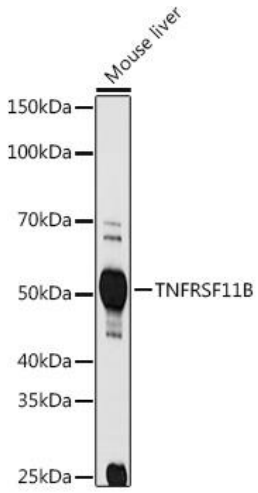
Validation Data



Immunofluorescence analysis of paraffin-embedded Human kidney tissue using TNFRSF11B Rabbit pAb (A2100) at a dilution of 1:200 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining. Perform high pressure antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.



Immunofluorescence analysis of MG-63 cells using TNFRSF11B Rabbit pAb (A2100) at a dilution of 1:200 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Western blot analysis of lysates from Mouse liver, using TNFRSF11B Rabbit pAb (A2100) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1: 10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90s.