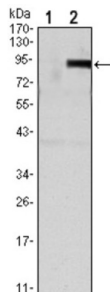
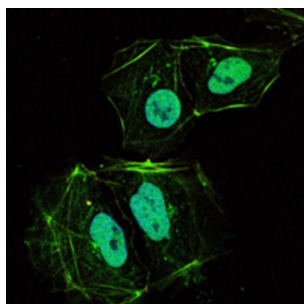


Tumor Necrosis Factor Receptor Superfamily Member 11B (TNFRSF11B) Antibody

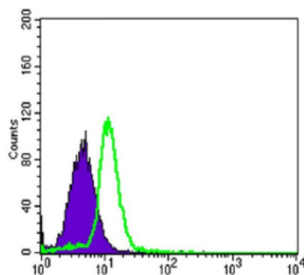
Catalogue No.: abx011830



Western blot analysis using TNFRSF11B antibody against HEK293 (1) and TNFRSF11B (AA: 22-401) -hIgGfC transfected HEK293 (2) cell lysate.



Immunofluorescence analysis of HL-60 cells using TNFRSF11B antibody (green). Blue: DRAQ5 fluorescent DNA dye.



Flow cytometric analysis of HL-60 cells using TNFRSF11B antibody (green) and negative control (purple).

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 (TNFSF11/OPGL), both of which are key extracellular regulators of osteoclast development. Studies of the mouse counterpart also suggest 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.

Target: Tumor Necrosis Factor Receptor Superfamily Member 11B (TNFRSF11B)

Clonality: Monoclonal

Reactivity: Human

Tested Applications: ELISA, IF/ICC, FCM

Host: Mouse

Datasheet

Version: 2.0.0
Revision date: 03 Sep 2025



Recommended dilutions: ELISA: 1/10000, IF/ICC: 1/200 - 1/1000, FCM: 1/200 - 1/400. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: Purified recombinant fragment of human TNFRSF11B expressed in E. coli.

Isotype: IgG₁

Form: Liquid

Purification: Unpurified ascites.

Storage: Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

UniProt Primary AC: O00300 ([UniProt](#), [ExPASy](#))

Gene Symbol: TNFRSF11B

GeneID: [4982](#)

OMIM: [239000](#)

HGNC: 11909

KEGG: hsa:4982

Ensembl: ENSG00000164761

String: [9606.ENSP00000297350](#)

Molecular Weight: 60 kDa

Buffer: Ascitic fluid containing 0.03% sodium azide.

Concentration: Not determined.

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.