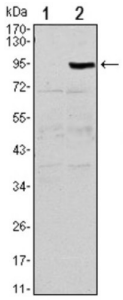
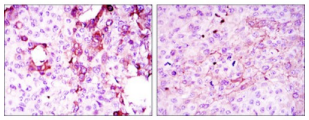
Tumor Necrosis Factor Receptor Superfamily Member 11B (TNFRSF11B) Antibody

Catalogue No.:abx016009



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



Immunohistochemical analysis of paraffin-embedded mammary cancer tissues (left) and lung cancer tissues (right) using TNFRSF11B antibody with DAB staining.

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.

Target:	Tumor Necrosis Factor Receptor Superfamily Member 11B (TNFRSF11B)
Clonality:	Monoclonal
Reactivity:	Human
Tested Applications:	ELISA, IHC
Host:	Mouse
Recommended dilutions:	ELISA: 1/10000, IHC: 1/200 - 1/1000. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Purified recombinant fragment of human TNFRSF11B expressed in E. coli.
Isotype:	IgG_1

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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.

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