

Mouse Tumor Necrosis Factor Receptor Superfamily Member 11A (TNFRSF11A) ELISA Kit | TNFRSF11A elisa kit

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CATALOG # AAA332143	REACTIVITY Mouse
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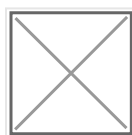
PRODUCT SYNONYMS

Tumor Necrosis Factor Receptor Superfamily Member 11A (TNFRSF11A); Mouse Tumor Necrosis Factor Receptor Superfamily Member 11A (TNFRSF11A) ELISA Kit; TNFRSF11A; CD265; FEO; LOH18CR1; ODFR; OFE; OPTB7; OST5; PDB2; RANK; TRANCER; loss of heterozygosity; 18; chromosomal region 1; osteoclast differentiation factor receptor; receptor activator of nuclear factor- κ B; TNFRSF11A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Mouse Tumor necrosis factor receptor superfamily member 11A (TNFRSF11A) ELISA Kit has high sensitivity and excellent specificity for detection of Mouse TNFRSF11A. No significant cross-reactivity or interference between Mouse TNFRSF11A and analogues was observed.
Sequence Length	625
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Mouse Tumor necrosis factor receptor superfamily member 11A (TNFRSF11A) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for TNFRSF11A elisa kit	Description: This Mouse Tumor necrosis factor receptor superfamily member 11A (TNFRSF11A) ELISA Kit employs a two-site sandwich ELISA to quantitate TNFRSF11A in samples. An antibody specific for TNFRSF11A has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TNFRSF11A present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TNFRSF11A is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of TNFRSF11A bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: RANK is a member of the TNF-receptor superfamily. This receptors can interact with various TRAF family proteins, through which this receptor induces the activation of NF-kappa B and MAPK8/JNK. This receptor and its ligand are important regulators of the interaction between T cells and dendritic cells. This receptor is also an essential mediator for osteoclast and lymph node development. Studies of the mouse counterpart suggest that this receptor directly mediates the osteoprotegerin ligand (OPGL)-induced osteoclastogenesis in osteoclast precursor cells. Northern blot analysis indicated that the 4.5-kb human RANK mRNA is expressed ubiquitously. In some human cell lines, the authors detected additional transcripts that were derived from the use of alternative polyadenylation signals in the RANK gene.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	17380323
NCBI GeneID	21934
UniProt Accession #	O35305
NCBI Official Full Name	Tumor necrosis factor receptor superfamily member 11A
NCBI Official Synonym Full Names	tumor necrosis factor receptor superfamily, member 11a, NFkB activator
NCBI Official Symbol	Tnfrsf11a
NCBI Official Synonym Symbols	OFE; ODFR; Rank; Ly109; mRANK; TRANCE-R
NCBI Protein Information	tumor necrosis factor receptor superfamily member 11A
UniProt Protein Name	Tumor necrosis factor receptor superfamily member 11A
UniProt Gene Name	Tnfrsf11a
UniProt Synonym Gene Names	Rank; ODFR
UniProt Entry Name	TNR11_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.