

## TNFRSF11A Monoclonal Antibody

### Description

<b>Product type</b>	Antibody
<b>Code</b>	BT-MCA2701
<b>Host</b>	Mouse
<b>Isotype</b>	Mouse IgG1
<b>Size</b>	100µL, 50µL
<b>Immunogen</b>	Purified recombinant fragment of human TNFRSF11A (AA: extra 30-212) expressed in E. Coli.
<b>Mol wt</b>	66kDa
<b>Species reactivity</b>	Human,Mouse,Rat
<b>Clonality</b>	Monoclonal
<b>Recommended application</b>	WB,FCM
<b>Concentration</b>	N/A
<b>Full name</b>	N/A
<b>Synonyms</b>	FEO;OFE;ODFR;OSTS;PDB2;RANK;CD265;OPTB7;TRANCER;LOH18CR1;TRANCE-R

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

The protein encoded by this gene 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. Mutations at this locus have been associated with familial expansile osteolysis, autosomal recessive osteopetrosis, and Paget disease of bone. Alternatively spliced transcript variants have been described for this locus.

### Recommended Dilution

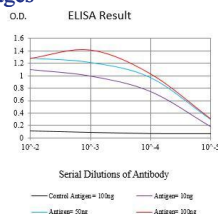
WB: 1:500 - 1:2000

FCM: 1:200 - 1:400

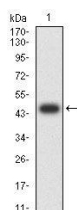
ELISA: 1:10000

Not yet tested in other applications.

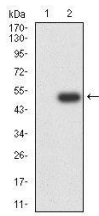
### Images



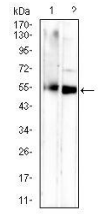
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



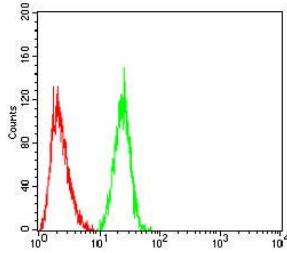
Western blot analysis using TNFRSF11A mAb against human TNFRSF11A (AA: extra 30-212) recombinant protein. (Expected MW is 46 kDa)



Western blot analysis using TNFRSF11A mAb against HEK293-6e (1) and TNFRSF11A (AA: extra 30-212)-hlgGFc transfected HEK293-6e (2) cell lysate.



Western blot analysis using TNFRSF11A mouse mAb against Mouse kidney (1) and Rat kidney (2) cell lysate.



Flow cytometric analysis of HL-60 cells using TNFRSF11A mouse mAb (green) and negative control (red).

### Storage

Store at 4°C short term. Aliquot and store at -20°C long term.

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