

Goat TNFSF11/OPGL Antibody | anti-TNFSF11 antibody

Goat Anti-TNFSF11/OPGL Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA61824	Goat	Human, Mouse Expected from sequence similarity: Human	Flow Cytometry, Functional Assay, Immunofluorescence, ELISA

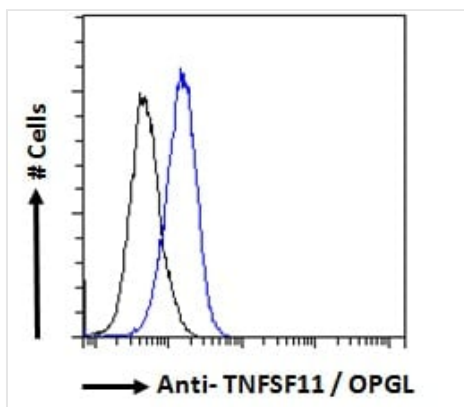
PRODUCT SYNONYMS

TNFSF11/OPGL; Goat Anti-TNFSF11/OPGL Antibody; TNFSF11; tumor necrosis factor (ligand) superfamily; member 11 ; ODF; OPGL; RANKL; TRANCE; hRANKL2; sOdf; TNF-related activation-induced cytokine; osteoclast differentiation factor; osteoprotegerin ligand; receptor activator of nuclear factor kappa B ligand tumor necrosis factor ligand superfamily; member 11; anti-TNFSF11 antibody

PRODUCT SPECIFICATIONS

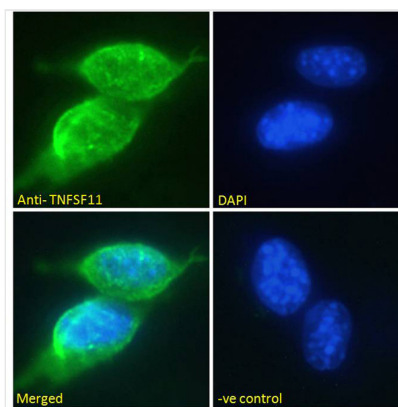
Host	Goat
Reactivity	Human, Mouse Expected from sequence similarity: Human
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Sequence Length	317
Applicable Applications for anti-TNFSF11 antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence C-DLAKRSKLEAQP, from the internal region of the protein sequence according to NP_003692.1; NP_143026.1.
Peptide Sequence	DLAKRSKLEAQP
Epitope	Internal region
Important comments	This antibody is expected to recognise both reported isoforms (NP_003692.1 and NP_143026.1).
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.

IMAGES



FCM/FACS (Flow Cytometry)

Flow cytometric analysis of paraformaldehyde fixed MCF7 cells (blue line), permeabilized with 0.5% Triton. Primary incubation overnight (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line)



IF (Immunofluorescence)

Immunofluorescence analysis of paraformaldehyde fixed NIH3T3 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing membrane and secreted staining. The nuclear sta



IF (Immunofluorescence)

Immunofluorescence analysis of paraformaldehyde fixed MCF7 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing membrane and secreted staining. The nuclear stain

ADDITIONAL INFORMATION

References

Kim K, Kim JH, Lee J, Jin HM, Lee SH, Fisher DE, Kook H, Kim KK, Choi Y, Kim N.: Nuclear factor of activated T cells c1 induces osteoclast-associated receptor gene expression during tumor necrosis factor-related activation-induced cytokine-mediated osteoclastogenesis. J Biol Chem. 2005 Oct 21;280(42):35209-16. Epub 2005 Aug 18. PMID: 16109714

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507595
NCBI GeneID	8600
NCBI Accession #	NP_003692.1; NP_143026.1
NCBI GenBank Nucleotide #	NP_003692.1
UniProt Accession #	O14788
NCBI Official Full Name	tumor necrosis factor ligand superfamily member 11 isoform 1
NCBI Official Synonym Full Names	TNF superfamily member 11
NCBI Official Symbol	TNFSF11
NCBI Official Synonym Symbols	ODF; OPGL; sOdf; CD254; OPTB2; RANKL; TNLG6B; TRANCE; hRANKL2
NCBI Protein Information	tumor necrosis factor ligand superfamily member 11
UniProt Protein Name	Tumor necrosis factor ligand superfamily member 11
UniProt Gene Name	TNFSF11
UniProt Synonym Gene Names	OPGL; RANKL; TRANCE; ODF; OPGL; RANKL; TRANCE
UniProt Entry Name	TNF11_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/goat-human-mouse-antibody/tnfsf11-opgl/61824>